

Defense Threat Reduction University

Course Catalog
2007





Defense Threat Reduction Agency (DTRA)

Vision

Make the world safer by reducing the threat of weapons of mass destruction.

Mission

The Defense Threat Reduction Agency safeguards America and its allies from weapons of mass destruction (chemical, biological, radiological, nuclear, and high explosives) by providing capabilities to reduce, eliminate, and counter the threat, and mitigate its effects.



Defense Threat Reduction University (DTRU)

Vision

Training, education, and research supportive of all Combating Weapons of Mass Destruction mission areas.

Mission

To provide multinational, federal, state, and local chemical, biological, radiological, nuclear, and high-yield explosive (CBRNE) education, training, and research within and external to the government.

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Registration

DNWS

Specific information about the DNWS is available on the Internet. Go to <https://dnws.abq.dtra.mil> to view: "Courses" to view the annual course schedule for the upcoming year.

Access the DNWS Controlled Site

This part of the DNWS web site is restricted to DoD and other Federal and state agencies. To request access, click "Log In" tab then click "Request Access" tab. Your request is received and reviewed by DNWS Visitor Control Staff. If you are granted access you will receive an e-mail that contains your user name and password. You may now access the DNWS controlled website: click on the "Log In" tab. Enter your user name and password. This query is case sensitive—be sure to enter your user name and password exactly as shown on the access confirmation sent to you via e-mail.

On-line Course Registration

Each organization has a designated quota manager. To make a reservation for a DNWS course contact the appropriate quota manager (see page 11 of this catalog for a current listing of quota managers). Quotas for DNWS courses are based on organization requests. Requests for nonallocated quotas are considered on a case-by-case basis.

If registering for a classified course, an additional form will appear on the screen. Because security clearance data verification is required, the form must be printed and endorsed by the organizational security manager. Once the clearance information has been coordinated, the form can be electronically transmitted (FAX only) to the DNWS Student Services at 505-846-9168 or DSN 246-9168. It is imperative that the security clearance information be received at the DNWS a minimum of 15 working days before the class start date.

Links

The DNWS on-line database provides links to Internet sites about terrorism, response, proliferation, chemical, biological, and nuclear and radiological issues.

Registering Without Internet Access

Contact your organizational quota manager to obtain a reservation for a DNWS course (page 11 for the most current listing of quota managers). After obtaining a seat in the desired course, complete the DNWS Course Registration Form on page 65 of this catalog, including security access information, if applicable. Security clearance information is required for all classified courses. Section II of the DNWS Course Registration Form must be completed and verified with appropriate endorsements.

Department of Energy (DOE) personnel must submit DOE Form 5631.20 to register (page 58). DoD personnel are required to submit the DOE Form 5631.20 in order to gain access to DOE facilities on Kirtland AFB for the Joint Nuclear Explosive Ordnance Disposal Course (page 58).

Mail or fax completed registration forms and security clearance documents to:

Defense Nuclear Weapons School
Attn: Student Services
1680 Texas St. SE
Kirtland AFB, NM 87117-5669
FAX: (505) 846-9168 or
DSN 246-9168

Enrollment Confirmation

Enrollment confirmation will be forwarded to prospective students via e-mail upon receipt of a completed DNWS Course Registration Form or DOE Form 5631.20, as appropriate. To ensure receipt of confirmation and other information, an unclassified e-mail address must be provided on the registration form. Student services will keep students apprised of changes in class dates, times, or location. If confirmation is not received at least 1 week prior to class start date, please call (505) 846-5666 or DSN 246-5666, Monday through Friday, 0730–1630, Mountain Standard Time.

DTRA/OS

By invitation via periodic message. Send completed applications DTRA Form 27 (page 64 to DTRA/OSPT or FAX (703)-767-2666.

DTRA/CT

Registration for courses not sponsored by outside organizations use the DTRA Learning Management System (LMS) which is located at <http://dtranet/index.cfm>.

Outside sponsored courses are restricted to identified BTRP program participants.

DTRA/R&D

Registration forms can be downloaded from the ACE Center Website, <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to 703-767-3335 at least 1-month prior to the class start date.

Additionally, complete the *DTRA Software Training Registration Form Ft. Belvoir, Virginia* on page 63 and forward to the same location.

Security Issues

DNWS

All personnel entering the DNWS are required to show valid identification at the security desk.

As previously noted, specific courses may require a security clearance and some require special access. Each DNWS course has individual security requirements specific to that program and are noted in the course description.

Clearance and access information for DoD personnel is submitted by using the DNWS Course Registration Form (page 65). DOE personnel must use the DOE Form 5631.20 (page 58).

Security clearance information must be received by student services a minimum of 15 working days prior to class start date.

Electronic Equipment

Internet access at the DNWS is available for students on a limited basis. The base library is available Monday through Thursday from 1000 to 1900, Fridays from 1000 to 1700, and Saturdays from 1300 to 1700, and can facilitate internet access for your convenience. Security procedures prohibit bringing cellular telephones, pagers, personal digital assistants, cameras, or lap top computers into the school. Telephone lines are available for students to make and receive official telephone calls.

DTRA/OS

Specific instructions will be provided in invitation message.

DTRA/CT

Specific instructions for courses not sponsored by outside organizations will be provided via the DTRA Learning Management System (LMS) which is located at <http://dtranet/index.cfm>.

Specific instructions will be given by sponsors that are restricted to identified BTRP Program participants.

DTRA/CS

Specific information will be provided by the sponsoring organization.

DTRA/R&D

Detailed instructions will be delivered via email welcome package.



Weapon Display Area (WDA)

The DNWS manages DoD's only classified collection of U.S. nuclear weapons, associated components, and weapons delivery systems. Access to the WDA is normally in conjunction with DNWS courses and clearance information must be on file at the DNWS before access into the WDA can be granted. A DoD secret-level clearance with Restricted Data (RD) or Critical Nuclear Weapons Design Information (CNWDI) access, or a DOE "Q" clearance with Sigmas 1-5 is required—no exceptions.

With permission from the DNWS Commandant, provisions can be made for a group to be escorted through the WDA. Tours are available for those who meet security clearance requirements and submit required documents in accordance with School policy. Touring the WDA offers students and visitors a unique opportunity to view exhibits and discuss stockpile issues with subject-matter-experts.

To solicit a special tour of the WDA, a written request must be submitted to:

Defense Nuclear Weapons School
Attn: Student Services
1680 Texas St. SE
Kirtland AFB, NM 87117-5669
FAX: 505-846-9168 or DSN 246-9168

Security clearance information must be received at the DNWS a minimum of 15 working days before the scheduled tour date.

For clarification in security clearances, refer to DoDD 5210.2, Access To and Dissemination of Restricted Data.



Billeting/Transportation/Dining

DNWS (Kirtland AFB, Albuquerque NM)

Billeting on Kirtland AFB NM

Individuals attending courses at the DNWS are responsible for billeting arrangements. Reservations for military personnel and Federal employees can be made by contacting the Kirtland AFB Billeting Office (Kirtland Inn) at 505-846-1497 or DSN 246-1497 (FAX 505-846-4142 or DSN 246-4142).

Military personnel at the rank of O-6 or above and civilian personnel at grade GS-15 or above should contact the Kirtland AFB Protocol Office at 505-846-4119 or DSN 246-4119. The Kirtland Inn will make reservations on-base if space is available. If space is not available, they will make reservations at a government contract hotel. Approximately 85 percent of students are housed off-base. Students should plan to pay out-of-pocket expenses. The Kirtland Inn is the only agency that can issue statements of nonavailability, and only if billeting arrangements have been made through their office.

Entering Kirtland AFB NM

See pages 59-60 for map.

A visitor pass to enter Kirtland AFB may be necessary for those without valid DoD or DOE vehicle registration. Individuals should plan accordingly and arrive at the Kirtland AFB Visitor's Center located at the Gibson Gate at least 45 minutes prior to class start time on the first day of class.

To obtain a visitor's pass on Kirtland AFB enter at the Gibson Gate and proceed to the Visitor Center, please ensure you have: a military or government identification card, a valid driver's license, proof of insurance, and vehicle registration, or a rental agreement.

For your safety, please remember to observe all posted speed limits, required hands-free cell telephone usage, and seat belt requirements while driving on Kirtland AFB and the surrounding area.

Transportation

Kirtland AFB has limited taxi/transportation services. The Albuquerque International Airport is approximately 5 miles from the DNWS. On-base billeting is approximately 3 miles from the DNWS. A rental car is highly recommended.

Dining

An award-winning military dining facility is located at 1551 1st St. on Kirtland AFB, just a mile from the school. If meals are missed due to field exercises, an official memorandum will be provided by the DNWS.

DTRA R&D (Ft. Belvoir VA)

Detailed instructions will be delivered via email "Welcome Package" after the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830. Map on page 61.

For additional information contact:

Bonnie Cassano
703-767-3419
Bonnie.cassano_contractor@dtra.mil

DTRA CS, CT, OS

Information unavailable.

Course Types Defined

In-Residence Courses

In-residence courses are held at the DNWS facility located at Kirtland AFB NM. This venue allows for learning in the classroom environment as well as hands on practical exercises using the various sites located at the facility.

DNWS does not charge fees for their courses. Individuals attending courses are responsible for all expenses and arrangements of transportation, billeting, meals, etc.

Mobile Training Team (MTT) Courses

The DNWS will provide MTTs at the specific request of a designated official representing any DoD organization. An MTT is a distinctive version of an in-residence course, or a specially designed program that is tailored to fit the requirements of the requesting organization.

Limited dates for MTTs are included in the annual calendar. Requests should be submitted early and in accordance with the policy and formats on pages 55-57 of this catalog.

Requesting agencies are responsible for all expenses associated with MTTs. Expenses include travel, lodging, per diem, and administrative supplies and materials.

Hosted Courses

DNWS provides facilities for other organizations to provide training for specific areas of certification (MEIR and NCP-52).

Invitation Only Courses

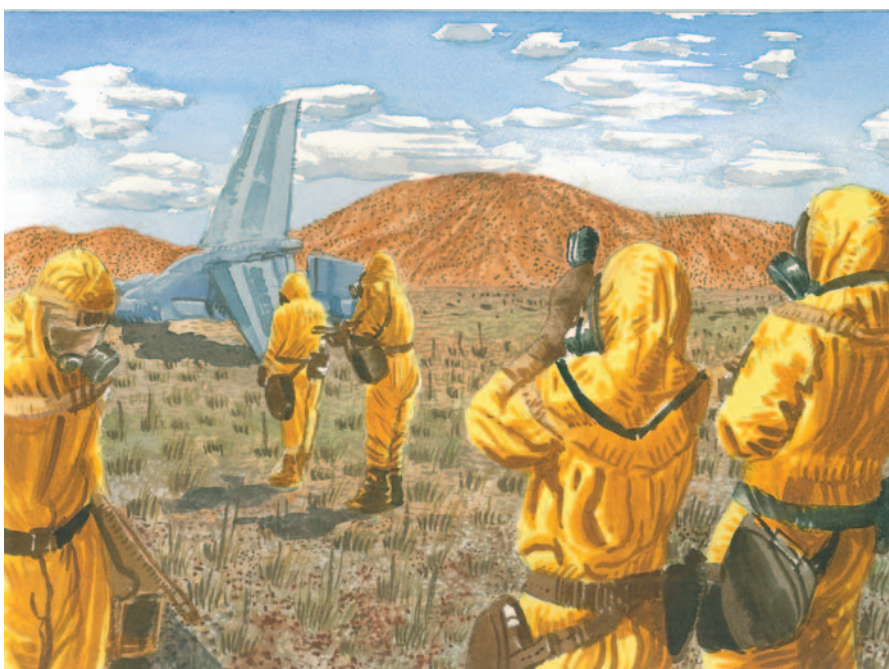
Periodic messages will be sent to identified students inviting them to participate in a specific course. This message will contain additional information for participation in that class.

Exercises

DTRA provides collective training of identified-responding-units with progressive sessions tailored to the staff competencies.

Distance Learning Courses

Currently underdevelopment, distance learning is computer-based training that will be available for identified DNWS courses. Please contact the Registrar's office at DTRU, telephone, (505) 846-5666, DSN 246-5666; email, dnws.abq.dtra.mil, for up-to-date information.



DTRA Course Matrix

Course		CBRNE					WMD Pillars				Other
Course	Type	C	B	R	N	E	HLD	CP	CM	NP	
ARRT	R			X					X		
BCTR PM I	R									X	X
CTR PM II	R									X	X
CWC Treaty	IV	X								X	X
CST-RTC	MTT			X	X				X		
CASNAR	MTT				X		X				
CASNARS	MTT				X		X				
CATS 1	R	X	X	X	X	X		X	X		X
CATS 2	R	X	X	X	X	X		X	X		X
CFE Treaty	IV									X	X
CMAT	R	X	X	X	X	X	X	X	X	X	X
DoD APC	IV	X	X	X		X			X		
FCM	EX	X	X	X	X	X			X		
GICA	R	X	X	X	X	X			X		
HPAC 1	R	X	X	X	X			X	X		
HPAC 2	R	X	X	X	X			X	X		
HPAC 3	R	X	X	X	X	X		X	X		
HDS	IV		X							X	
IMEA 1	R	X	X	X	X	X		X	X		
IMEA 2	R	X	X	X	X	X		X	X		
JNSEC	R				X						
JNEODC	R				X						
JPC WMD	R	X	X	X	X	X		X	X	X	
MEIR	H								X		
NETOP	R				X						
NETOR	MTT			X	X						
NCP-52	H	X	X	X	X	X		X	X	X	
NRIM	R			X	X				X		
NWFS	MTT				X						
NWOC	R				X						
NUWAX	EX	X		X	X						
O/C	IV	X	X	X	X	X				X	
OS Treaty	IV									X	
START	IV				X					X	
TNOC	R				X			X			
TNOSC	MTT				X			X			
VAPO	R	X	X	X	X	X			X		
VDS	IV		X							X	
WMDC3	R,DL	X	X	X	X	X			X		
WMDIRW	MTT	X	X	X	X	X			X		
WMDS3	MTT	X	X	X	X	X			X		

Type: R (In Residence); MTT (Mobile Training Team); DL (Distance Learning); H (Hosted); IV (Invitation); EX (Exercise)
 C (Chemical); B (Biological); R (Radiological); N (Nuclear); E (High-yield Explosive); HLD (Homeland Defense); CM (Consequence Management); CP (Counterproliferation); NP (Nonproliferation)

DNWS In-Residence Course Synopsis

Applied Radiological Response Techniques (ARRT) is a 5-day course for first responders focused on the applied use of common radiation detection and measurement systems. The format is small group instruction with lectures on instrument theory, operation, and practical exercises comprising 50 percent of this course. The remainder of the course centers on actual field application of different systems and interpretation of results. Attendees should bring clothing and footwear appropriate for outdoor activities.

Consequence Assessment Tool Set (CATS) Level 1 Course is a 3-day course in which the student learns to use the DTRA CATS software package to model hazards and assess their impact. Students will learn to assess the impact of hazards on population and critical infrastructure. The capabilities and limitations of the assessment tools will be discussed, and students will learn to evaluate CATS outputs.

Consequence Assessment Tool Set (CATS) Level 2 Course is a 3-day course in which students achieve a higher level of proficiency using CATS to model hazards and perform consequence analysis by employing higher fidelity modeling tools, enhancing the utility of models and data, and preparing enhanced output to meet the user's mission requirements.

Consequence Management Advisory Training Course is a 10-day course in which the student will be introduced to CBRNE topics including effects, mitigation, requirements at the local, state, national, and international levels, and how DoD can assist in homeland and foreign consequence management. The course hosts experts with operational knowledge from multiple government agencies in mitigating or eliminating the threats posed by weapons of mass destruction. The course provides students with necessary, base-level information to perform in a consequence management advisory team. Emphasis is on incorporating up-to-date doctrine and training, and the course will culminate in an exercise to incorporate classroom material.

Geospatial Intelligence for Consequence Assessment (GICA) is a 2-day course in which students learn to understand and apply geographic information system concepts within the context of modeling, mapping, visualization, and consequence assessment using DTRA hazard modeling and assessment tools. This course should be taken as a prerequisite to CATS Level 1.

Hazard Prediction and Assessment Capability (HPAC) Level 1 Course is a 5-day course in which the student achieves a basic level of competency in modeling of hazardous material releases using the DTRA HPAC software package. Upon completion of the course, students will understand the capabilities and limitations of the program and be able to perform basic hazard predictions and assessments.

Hazard Prediction and Assessment Capability (HPAC) Level 2 Course is a 5-day course in which the student achieves a higher level of proficiency in modeling and analysis of hazard release using HPAC. Students will learn to apply and demonstrate source term functionality. Emphasis is on interpreting, translating, and communicating results.

Joint DoD-DOE/NNSA Nuclear Surety Executive Course (JNSEC) is an executive-level program offering an overview of safety, security, and control aspects of the U.S. nuclear weapons program. JNSEC is a 1-day program conducted in the Washington DC area, and a second iteration is a 1 ½ -day version offered at the DNWS to accommodate a Weapons Display Area tour.

Joint Nuclear Explosive Ordnance Disposal Course (JNEODC) is a 5-day training course that provides detailed sustainment training for EOD officers and enlisted personnel in nuclear EOD operations. The program focuses on nuclear weapons hazards, weapons stockpile safety features and safeguards, and weapons development. This class is offered for EOD personnel only.

Joint Planners Course (JPC) for Combating WMD is a 5-day course that provides the student with a firm understanding of how to perform planning functions related to combating WMD activities, threats, and incidents. The course is geared toward the Joint Staff, Combatant and Component Commands, Combat Support Agencies, and Service HQs. The course will address weapons elimination operations, force protection, U.S. nuclear operations, consequence management (foreign and domestic), nonproliferation, counter-proliferation, and JOPES as they apply to WMD planners.

Nuclear Emergency Team Operations (NETOP) is a 10-day course that offers hands-on training for members of a nuclear emergency response team. Subject matter includes modules on biological effects of radiation, response processes and capabilities, radiation detection equipment, contamination control stations, surveys, and command and control. The course culminates with several field exercises during which students fully dress-out in anti-contamination clothing, use RADIAC equipment, and perform realistic nuclear emergency team functions at the School's accident training sites.

Nuclear and Radiological Incident Management (NRIM) is a 5-day training course that presents the problems and responsibilities involved in nuclear weapon accident response. Curriculum content includes lessons learned from past accidents, Federal, state, and local agency responsibilities, as well as key issues specific to a nuclear weapons accident (i.e., legal, media, and medical and hazards management issues). The course concludes with an interactive computer-based exercise.

Nuclear Weapons Orientation Course (NWOC) is a 5-day course that provides an overview of the history and development of nuclear weapons, management of the U.S. nuclear stockpile, and the issues and challenges facing the program. The modules focus on four functional areas: Nuclear Weapon Fundamentals, nuclear weapon effects, nuclear weapons stockpile, and nuclear weapons issues.

Theater Nuclear Operations Course (TNOC) is a 4 1/2-day course that provides training for planners, support staff, targeteers, and staff nuclear planners for joint operations and targeting. The course provides overview of nuclear weapon design, capabilities and effects as well as U.S. nuclear policy, and joint nuclear doctrine. TNOC meets U.S. Army qualification requirements for the additional skill identifier 5H. This course is certified for joint training in accordance with CJCSM 3500.03A, Joint Training System.

Weapons of Mass Destruction Command, Control, and Coordination (WMDC³) Course is a 4-day course designed for DoD and Federal-agency personnel in the procedures and mechanics involved in DoD support of WMD/CBRNE disaster response operations. The course focuses on command-level plans and support constructs utilized in providing consequence management support to Federal domestic CBRNE emergencies that occur within the U.S. The course centers on education in the DoD CBRNE disaster response structure. The course concludes with an interactive computer-based exercise.

DNWS MTT Course Synopsis

Civil Support Team Radiological Training Course (CST-RTC) is a 5-day training event covering the response elements to an incident involving radiological materials. Training is focused on the mission requirements of National Guard WMD civil support teams. Modules include medical effects of radiation, Federal response processes, radiation detection theory and equipment, and field health physics.

Commander and Staff Nuclear Accident Response (CASNAR) Workshop is a 3-day supervisory-level course that presents a fundamental approach to complex radiological response issues. Content of the program discusses lessons learned from past accidents, Federal, state, and local agency responsibilities, as well as key issues specific to a nuclear weapons accident (i.e., legal, media, and medical and hazards management).

Commander and Staff Nuclear Accident Response Seminar (CASNARS) is a 1-day course that presents a fundamental approach to complex radiological response issues. Content of the program discusses lessons learned from past accidents, Federal, state, and local agency responsibilities, as well as key issues specific to a nuclear weapons accident (i.e., legal, media, and medical and hazards management).

Nuclear Emergency Team Orientation (NETOR) is a 5-day course tailored to the host's requirements. The program covers the full spectrum of actions required in a team response to a radiological accident. Modules can include biological effects of radiation, response plans and capabilities, radiation detection equipment, contamination control stations, radiological surveys, and command and control.

Nuclear Weapons Familiarization Seminar (NWFS) is a 3-day program that presents the history and development of nuclear weapons, and the management of the U.S. nuclear stockpile. Four primary functional areas focus on nuclear weapon fundamentals, nuclear weapon effects, nuclear weapons stockpile, and nuclear weapons issues.

Theater Nuclear Operations Staff Course (TNOSC) is a 4-day program that provides training for planners, support staff, targeteers, and staff nuclear planners for joint operations and targeting. The course provides overview of nuclear weapon design, capabilities, and effects as well as U.S. nuclear policy, and joint nuclear doctrine. TNOSC meets U.S. Army qualification requirements for the additional skill identifier 5H.

Weapons of Mass Destruction Incident Response Workshop (WMDIRW) is a 3-day course that provides DoD and Federal-agency personnel the procedures and mechanics involved in DoD support of WMD/CBRNE disaster response operations. The course focuses on command-level plans and support constructs utilized in providing consequence management support to Federal domestic CBRNE emergencies that occur within the U.S. The course centers on education in the DoD CBRNE disaster response structure. Course can be specifically tailored for any state WMD CST with the intent to integrate training for CST leadership and their state emergency management partners.

Weapons of Mass Destruction Staff Support Seminar (WMDSS³) is a 1-day course that provides Combatant Commanders and their planning staff instruction concerning the procedures and mechanics involved in DoD support to Federal WMD/CBRNE disaster response operations to incorporate those processes into their relevant OPLANS/CONPLANS. The course centers around education in the DoD CBRNE disaster response process, how that structure associates with the U.S. government response process, or DOS foreign consequence management process, and the mechanics and units that are utilized to provide that DoD support.

DNWS Hosted Course Synopsis

Medical Effects of Ionizing Radiation (MEIR) Course is a 5-day course presented by the Armed Forces Radiobiology Research Institute (AFRRI) and hosted at DNWS. The program provides medical personnel with background material linking human injury and combat effectiveness in a nuclear weapons detonation or accident environment. For specific information relating to the MEIR course, contact AFRRI at (301) 295-0316 or DSN 295-0316, email <http://www.afri.usuhs.mil/www/outreach/meir/meir.htm>.

Nuclear and Counterproliferation Officer Course (NCP-52) is presented annually at the DNWS by the U.S. Army Nuclear and Chemical Agency (USANCA). The training is limited to Army officers and serves as the Nuclear and Counterproliferation Officers Functional Area (FA 52) qualifying course. Topics include developing and revising COCOM-level orders, understanding the U.S. nuclear weapons program from inception to present, DoD Homeland Defense organization and doctrine, CBRNE overview, critical-site tours, and current FA 52 career field information. For specific information relating to NCP-52, contact USANCA at (703) 806-7866 or DSN 656-7866.



DTRA/OS Course Synopsis

Chemical Weapons Convention (CWC) Treaty Orientation Course is a 3-day course that presents an overview of the CWC Treaty provisions and inspections under the CWC.

Conventional Armed Forces in Europe (CFE) Treaty Orientation Course is a 2-day course that presents a working knowledge of CFE Treaty and operating environment.

Open Skies (OS) Treaty Orientation Course is a 2-day course that presents an overview of the Open Skies Treaty protocols.

Strategic Arms Reduction Treaty (START) Orientation Course is a 5-day course that presents an overview of the START process.

DTRA/CS Course Synopsis

DoD Antiterrorism Program Course (APC) is a 5-day course that will provide students the ability to develop, inspect, and maintain an antiterrorism program based on the guidance in DoDD 2000.12 and the AT Standards in DoDI 2000.16. Educate Antiterrorism Working Groups on the roles they play in developing/implementing/inspecting AT Programs and Plans. To provide installation antiterrorism officers and antiterrorism working groups the ability to conduct local vulnerability assessments. Provides a familiarity with the DTRA Vulnerability Assessment Benchmarks.

Foreign Consequence Management (FCM) Collective Training is 12-18 month training that presents modules on how to coordinate DoD response to a CBRNE incident (OSD, Joint Staff and command level). Provide direct support to the Department of State (DOS), the lead Federal agency (LFA) and the American Embassy (in country). Coordinate support with International Organizations (IO), non-Governmental organizations (NGO) and Private Organizations (PVO).

NUWAX Collective Training is 12-18 month training that presents modules on how to organize, prepare, and plan for DoD response to a U.S. Nuclear Weapons (NW) accident (OSD, Joint Staff, and command level). Coordinate initial response force (IRF) properly respond to a NW accident. Apply U.S. National Response to a NW accident.

Observer/Controller (OC) Training Course is a 3-day course to prepare individuals to serve as observer/controllers (OC) during execution of collective exercises in order to capture observations for incorporation into after action report (AAR) and ultimately into JFCOM's Center for lessons learned (if appropriate).



DTRA/R&D Course Synopsis

Consequence Assessment Tool Set (CATS) Level 1 Course is a 5-day course in which the student learns to use the DTRA CATS software package to model hazards and assess their impact. Students will learn to assess the impact of hazards on population and critical infrastructure. The capabilities and limitations of the assessment tools will be discussed, and students will learn to evaluate CATS outputs.

Consequence Assessment Tool Set (CATS) Level 2 Course is a 3-day course in which students achieve a higher level of proficiency using CATS to model hazards and perform consequence analysis by employing higher fidelity modeling tools, enhancing the utility of models and data, and preparing enhanced output to meet the user's mission requirements.

Hazard Prediction and Assessment Capability (HPAC) Level 1 Course is a 5-day course in which the student achieves a basic level of competency in modeling of hazardous material releases using the DTRA HPAC software package. Upon completion of the course, students will understand the capabilities and limitations of the program and be able to perform basic hazard predictions and assessments.

Hazard Prediction and Assessment Capability (HPAC) Level 2 Course is a 5-day course in which the student achieves a higher level of proficiency in modeling and analysis of hazard release using HPAC. Students will learn to apply and demonstrate source term functionality. Emphasis is on interpreting, translating, and communicating results.

Hazard Prediction and Assessment Capability (HPAC) Level 3 Course
The objective is for the student to achieve an advanced level of proficiency in assessing the consequence of hazardous material releases using HPAC by managing source term functionality, selecting the appropriate editors, and judging the utility and validity of outputs to meet the user's mission requirements.

Integrated Munitions Effects Assessment (IMEA) Level 1 Course
The objective is for the student to achieve an initial level of proficiency in understanding the limitations and capabilities of IMEA, applying a model, producing and interpreting results, and demonstrating the IMEA/HPAC interface.

Integrated Munitions Effects Assessment (IMEA) Level 2 Course
The objective is for the student to achieve an enhanced level of competency in understanding the limitations and capabilities of IMEA, creating a model including hazmat, develop an attack and defend results.

Vulnerability Assessment Protection Options (VAPO) Level 1 Course
The objective is for the student to understand the full functionality of VAPO to include its capabilities, limitations, and assumptions; assess and analyze a spectrum of threats against assets; and develop mitigating strategies.

DTRA/CT Course Synopsis

Basic CTR Program Management I Course (BCTR PM I)

Analyze usable guidance on Basic tasks required of DTRA-CT Program Managers to successfully plan and execute projects from the initial tasking phase, and acquisition concept development through project completion. Provide program manager a basic guide and tutorial on the use of the earned value management system (EVMS). Provides program manager a basic guide and tutorial on the development of a risk management strategy for CTR driven programs.

CTR Program Management II Course (CTR PM II)

Provides usable guidance on specific tasks required of DTRA-CT program managers to successfully plan and execute projects from the initial tasking phase, and acquisition concept development through project completion. Provides program manager guides from initial tasking through task award and project kick-off. Provides program manager guides from project kick-off and guides through project implementation, control, and contract close-out phases of a CTR program.

Human Disease Surveillance (HDS) Course

Provides comprehensive training to foreign physicians, clinicians, epidemiologists, and scientists actively working within the framework of the Biological Threat Reduction Program (BTRP). Incorporates modern medical, laboratory, specimen collection, and analysis technologies necessary to operate laboratories built through the auspices of the BWPP program. Provides systems training for data-bases collection, and reporting specifically developed through the BTRP program for the Threat Agent Detection and Response Project. Recognize especially dangerous pathogens collected from distributed sites, using molecular diagnostics techniques in a sterile environment.

Veterinary Disease Surveillance (VDS) Course

Provide comprehensive training to foreign veterinarians, clinicians, epidemiologists, and scientists actively working within the framework of the Biological Threat Reduction Program (BTRP). Incorporate modern medical, laboratory, specimen collection, and analysis technologies necessary to operate laboratories built through the auspices of the BWPP program. Provide systems training for data-bases collection, and reporting specifically developed through the BTRP Program for the Threat Agent Detection and Response Project. Recognize especially dangerous pathogens collected from distributed sites, using molecular diagnostics techniques in a sterile environment.



DNWS Course Calendar FY07

IN-RESIDENCE		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
	ARRT						12-16					13-17	
	CATS 1		1-3	6-8	31-	-2	7-9 28-30		16-18	20-22		29-31	
	CATS 2							16-18					24-26
	CMAT				TBD								
	GICA	30-31		4-5	29-30		5-6 26-27		14-15	18-19		27-28	
	HPAC 1	23-27	27-	-1	22-26	26-	-2 19-23		7-11	11-15		20-24	
	HPAC 2							9-13					17-21
	JNEODC				29-	-2	19-23		14-18			20-24	
	JNSEC						21-22						19-20 (DC)
	JPC			11-15 (DC)		12-16 (MTT)		2-6		4-8 (MTT)	(9-13)		10-14 (MTT)
	MEIR							23-27		4-8			
	NCP-52										9-27		
	NETOP		27-	-8	22-	-2 26-	-9	2-13 30-	-11		30-	-10	
	NRIM	23-27				5-9	5-9	23-27	7-11	25-29		27-31	17-21
	NWOC	16-20	27-	-1		12-16	12-16	16-20		11-15		13-17	
	TNOC					26-	-2				30-	-3	
	WMDC3		6-9						14-17			20-23	

MOBILE TRAINING TEAM (MTT)		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
	CASNAR		8-10			21-23		11-13		6-8			
	CASNARS		7			20		10		5			
	CST-RTC	23-27	6-10 (DNWS)		15-19 (DNWS)	12-16	19-23	16-20 (DNWS)	21-25	18-22		20-24	24-28
	NETOR									4-8	9-13		10-14
	NWFS	31-	-2		9-11				15-17			28-30	
	TNOSC									26-29			
	WMDIRW	17-19 31-	-2		16-18		6-8	24-26		26-28		7-9	25-27
	WMDS3			1			23		11		27		

Quota Managers for DNWS Courses

Agency	Name	Commercial Telephone	DSN Telephone	Email address
Air Force	Kathy Crittenden		DSN 487-3191	Kathy.crittenden@randolph.af.mil
Army	Ralph Steinway		DSN 225-5914	Ralph.steinway@hqda.army.mil
Army Civilians	Dorothy Miller		DSN 680-3001	Millerd@monroe.army.mil
Army Enlisted	Latanya Creekmore		DSN 221-4597	Latanya.creekmore@us.army.mil
Army Natl Guard	Dorothy Knight		DSN 327-9866	Dorothy.knight@ngb.army.mil
Army Officers	Jennifer West		DSN 221-3159	Westj@hoffman.army.mil
Army Reserve	Elizabeth Eck		DSN 367-8266	Elizabeth.eck@us.army.mil
DIA	Lacresia Hayes		DSN 428-2796	Lacresia.hayes@dia.mil
DOE	Xochith Ibarra Molly Saenz	505-845-5285 505-845-5257		xibarra@doeal.gov msaenz@doeal.gov
DTRA	Barbera Grant	703-767-5751		Barbera.grant@dtra.mil
Navy	Tom Mason	757-444-2996x3610	DSN 564-2996 x3610	Tom.mason@navy.mil
NGA	Matthew Doughty	314-263-4094		Matthew.a.doughty@nga.mil
NSA	Patty Cortina	410-854-8911	DSN 244-8911	j.cortin@radium.ncsc.mil
Marines	Maj Donald Hultz			Donald.hultz@abq.dtra.mil

Alphabetical Course Listing



Class Length

5 Day; 40 Hours

Scheduled Dates

12-16 Mar 07

13-17 Aug 07

Applied Radiological Response Techniques (ARRT)

Course Number: DNWS-R027

Radiological

Objectives

- Develop practical skills to initially evaluate a radiological environment.
- Know, use, and apply:
 - Strengths, weaknesses, and applications of different classes of radiation instrumentation.
 - Proper radiation instrumentation to gather survey data.
 - Planning and implementation of a radiation survey.
 - Methods to identify and quantify an unknown radiological hazard.
 - Methods to reduce unwanted radiation exposure and contamination.
 - Legal issues associated with radiological response personnel.

Content

- Lecture on instrument theory supplemented with hands-on student demonstrations.
- Overview of survey planning, data relevance, and application to emergency protective action guidance.
- Conduct surveys in a contaminated environment using actual equipment to reinforce lectures.

Format

Facilitated discussions and lectures, as well as supported practical exercises.

Faculty

DNWS Staff and other subject-matter-experts.

Who Should Attend:

First responders requiring a technical orientation to radiation detection, measurement, and hands-on survey principles.

Prerequisites

None

Registration

Registration forms must be received by student services a minimum of 15 working days before the class start date.

Security Requirements

None

Time and Location

Report to DNWS at 0730 on class start date

Appropriate Dress

Military: BDUs, ADUs, or utility uniform

Civilians: business casual

Bring comfortable clothing for field exercises (i.e., PT gear). Students who wear eye glasses should bring inserts for MCU2P/M40 series protective masks.

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
None provided.

Course Certification: None provided.

**Class Length**

5 Days; 40 Hours

Scheduled Dates

TBD

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation

Level of Learning: Knowledge,
Comprehension, Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Operational. Directive.

Course Certification: None provided.

Basic CTR Program Management I Course

Course Number: NA

Basic Acquisition and Program Management of Cooperative Threat Reduction Programs

Objectives

- Analyze usable guidance on basic tasks required of DTRA-CT program managers to successfully plan and execute projects from the initial tasking phase, and acquisition concept development through project completion.
- Provide program manager a basic guide and tutorial on the use of the Earned Value Management System (EVMS).
- Provides program manager a basic guide and tutorial on the development of a risk management strategy for CTR driven programs.

Content

- Discuss the process and use of cooperative threat reduction integrating contracts (CTRIC) and interpreting information provided on budget, cost, and performance to determine the success of a CTR program.
- Analyze data provided by the integrating contractor to determine budgeted cost for work scheduled, budgeted cost for work performed, actual cost of work performed and estimated cost at work completion of CTR related programs.
- Discuss and analyze basic risk management strategies, used in past and present program, and lessons learned to develop realistic estimates of risks that could effect the success of a CTR program.
- Develop briefings, EVMS graphics and discussions points used during the milestone decision process and the development of the milestone decision review (MDR).
- Discuss and analyze the use of the DoDI 5000.2, Table E3.T2 on earned value management.
- Discuss and analyze the ANSI/EIA-748 for cost or incentive contracts, subcontracts, intra-government work agreements.

Format

Basic CTR Program Management I course that is 1 week (40 hours) long, designed for newly assigned personnel, intended to teach them CT processes and procedures for taking an initial CTR Policy tasker from requirements definition to task order award. It emphasizes the use of the IPT process to define the requirements, the acquisition/contracting strategy, statement of objectives (SOO), program risks and mitigations, funding needs, budget, a schedule of the procurement, and Independent Government Cost Estimate, contractor down selection process, the Acquisition Strategy Review, and milestone decision briefings.

Faculty

Threat Reduction Support Center SAIC training staff, and full-time CTR staff.

Who Should Attend

All CTR employees, staff, A&AS contract support, and USG collaborators working within the framework of a CTR program.

Registration

Register through the DTRA Learning Management System.

Security Requirements

None

Time and Location

TBD

Appropriate Dress

Standard duty dress.



Class Length

5 Days; 40 Hours

Scheduled Dates

TBD

CTR Program Management II Course

Course Number: NA

Basic Acquisition and Program Management of Cooperative Threat Reduction Programs

Objectives

- Provide usable guidance on specific tasks required of DTRA-CT program managers to successfully plan and execute projects from the initial tasking phase and acquisition concept development through project completion.
- Provide program manager guides from initial tasking through task award and project kick-off.
- Provides program manager guides from project kick-off and guides through project implementation, control, and contract close-out phases of a CTR program.

Content

- Discuss the use of DTRA 5000.1 series for major programs.
- Discuss DTRA 4200.1 Acquisition Manual and its use within the CTR program.
- Discuss the process and use of cooperative threat reduction integrating contracts (CTRIC) and its impact on the contracting process.
- Discuss the development of program plans necessary for program success.
- Discuss risk management strategies used in past and present program.
- Develop briefings and discussions points used during the milestone decision process and the development of the milestone decision review (MDR).
- Develop procurement strategies, program baselines, task order requirement packages (TORP), through the use of the collaborative proposal development (CPD) process and the integrated process team (IPT).

Format

CTR Program Management II course is a 1-week (40 hours) long, designed to teach program and project managers how to manage their projects after task order award. It concentrates on team building, applying major program requirements to projects (baselines, program plans acquisition decision memorandum, baseline warning reports), the use of earned value management tools, contract changes, award fee processes, and enhancing the performance of IPTs.

Faculty

Threat Reduction Support Center (TRSC) SAIC training staff.

Who Should Attend

All CTR employees, staff, A&AS contract support, integrating contractors, and USG collaborators working within the framework of a CTR program.

Registration

Students register through the DTRA Learning Management System (LMS).

Security Requirements

None

Time and Location

0800-1700 Monday through Friday, TRSC Building

Appropriate Dress

Business Casual

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation

Level of Learning: Knowledge, Comprehension, Application

Learning Environment: Individual
Level of Warfare and Doctrinal Basis: None provided.

Course Certification: None provided.



Class Length

3 Days; 24 Hours

Scheduled Dates

By invitation

Chemical Weapons Convention (CWC) Treaty Orientation Course

Course Number: NA

Nonproliferation/Arms Control, Chemical

Objectives

- Obtain an overview of the CWC Treaty provisions and inspections under the CWC.

Content

- CWC Treaty overview.
- International and U.S. organizations involved in the CWC.
- DTRA operations and procedures.
- Site preparation guidelines.

Format

- Lectures
- Panel discussions
- Practical exercise

Faculty

Classes are taught by various guest briefers/speakers from DTRA and other agencies that are operational subject-matter-experts.

Who Should Attend

By invitation only. Personnel whose duties entail direct involvement in the CWC treaty implementation.

Prerequisites

None

Registration

Via periodic message; Send completed applications (DTRA 27) to DTRA/OSPT; FAX 703-767-2666.

Security Requirements

Secret clearance required.

Appropriate Dress

Class B uniform for military (No flight suits or BDUs) and business casual for civilians.

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic; SN 9.X. CWC Treaty

Course Certification: ACE Accreditation



Class Length

5 Days; 40 Hours

Scheduled Dates

23-27 Oct 06

6-10 Nov 06 at DNWS

15-19 Jan 07 at DNWS

12-16 Feb 07

19-23 Mar 07

16-20 Apr 07 at DNWS

21-25 May 07

18-22 Jun 07

20-24 Aug 07

24-28 Sep 07

Civil Support Team Radiological Training Course (CST-RTC)

Course Number: DNWS-NR019

Radiological, Nuclear

Objectives

- Analyze significant critical decision points for radiological accidents/incidents.
- Demonstrate the use of radioactivity monitoring instruments.
- Identify principles for collecting airborne radioactivity samples.
- Demonstrate methods of surveying a post-radiological dispersal device event or lost radioactive source.
- Demonstrate contamination control station techniques using existing equipment.
- Demonstrate command, control, and coordination in tabletop/field exercises.
- Review current modeling software and DTRA reachback capabilities.
- Explain the medical aspects of exposure to ionizing radiation.
- Demonstrate procedures for handling patients contaminated with radioactivity.
- Demonstrate capabilities of the Unified Command Suite.

Content

- Discussions of weapons related accidents with response plans and capabilities.
- Consideration of radiation effects, potential hazards, and protection methods.
- Assessment of accident patterns and plotting.
- Knowledge of radiation detection equipment.
- Discussions of radiological dispersal devices.
- Processes involved in contamination control station operations.
- Scope of actions as a radiological emergency team member.

Format

Facilitated discussions and lectures supported by video presentations, case studies, and computer-based exercises.

Faculty

DNWS Staff and other subject-matter-experts.

Who Should Attend

WMD-CST teams and local civilian initial response teams wanting specific training in radiological events.

Registration

Determined by the requesting organization.

Security Requirements

None

Medical Requirements

Special medical requirements for civilian attendees are IAW Sections 1 and 2, Part A of Appendix C, 29 CFR 1910.134(e), which requires proof that the registrant has been medically evaluated and cleared by a licensed physician (board certified internal or occupational health) to wear a full-face, negative pressure, air purifying respirator (i.e., MCU2P or M40 protective mask). Certification of medical clearance must be included as part of registration.

Time and Location

For MTT: Determined by requesting organization.

For resident classes report to the DNWS at 0730 on the class start date.

Appropriate Dress

Military: BDU's or utility uniform.

Civilians: business casual

Bring comfortable clothing for field exercises (i.e. PT gear). Students who wear eye glasses should bring inserts for MCU2P/M40 series protective masks.

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Evaluation

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Tactical

TA 7 Operate in a CBRNE Environment
TA 7.1 Conduct Mission Operations in a CBRNE Environment. DoD 3150.8-M Nuclear Weapons Accident Response Procedures (NARP) CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation.

Course Certification: None provided.



Class Length

3 Days; 24 Hours

Scheduled Dates

8-10 Nov 06

21-23 Feb 07

11-13 April 07

6-8 Jun 07

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Comprehension

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic (National):
SN 9.2.2 Coordinate Consequence
Management
Operational; OP 4.7.8 Establish Disaster
Control Measures
OP 7.3 : Coordinate Passive NBC Defense in
the JOA
OP 7.4: Coordinate Consequence
Management (CM) in the JOA; OP 7.5
Integrate JOA Intelligence, Surveillance, and
Reconnaissance (ISR) with CBRNE Situations.
Tactical:
TA 7.1 Conduct Mission Operations in a
CBRNE Environment.
Doctrinal/Source Basis: National Response
Plan (NRP), December 2004.; DoD 31 50.8-
M, Nuclear Weapon Accident Response
Procedures (NARP) JP 3-41, Chemical,
Biological, Radiological, Nuclear, and High-
Yield
Explosives Consequence Management
(CBRNE CM) CJCSM 3500.05A, Joint Task
Force Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass Destruction and
Training Transformation
Course Certification: USJFCOM, Joint
Warfighting Center (JWFC)

Commander and Staff Nuclear Accident Response (CASNAR) Workshop

Course Number: DNWS-NR021

Nuclear, Homeland Defense Training

Objectives

- Discuss the history of nuclear weapons accidents and lessons learned.
- Describe potential hazards associated with nuclear accidents.
- Identify DoD nuclear accident response capabilities.
- Discuss state and local response capabilities.
- Identify legal issues associated with a nuclear accident.
- Demonstrate command, control, and coordination in computer simulated course exercises.

Content

- Training on command responsibilities during nuclear weapons accident response.
- Federal, state, and local agency responsibilities.
- Consolidation of procedural guidance and technical information needed to prepare DoD forces to respond to nuclear accidents and to coordinate with other responding agencies.

Format

Facilitated discussions and lectures supported by video presentations, case studies, and computer-based exercises.

Faculty

DNWS Staff and other subject-matter-experts.

Who Should Attend

Commanders and their support staff who have the responsibility to respond to nuclear incidents.

Prerequisites

None

Registration

Determined by the requesting organization.

Security Requirements

None

Time and Location:

Based upon availability of DNWS staff and is coordinated with and determined by the requesting organization.

Appropriate Dress:

Determined by the requesting organization.



Class Length

1 Day; 8 Hours

Scheduled Dates

7 Nov 06

20 Feb 07

10 Apr 07

5 Jun 07

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Comprehension

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic (National)
SN 9.2.2 Coordinate Consequence
Management
Operational
OP 4.7.8 Establish Disaster Control Measures
OP 7.3 Coordinate Passive NBC Defense
in the JOA
OP 7.4 Coordinate Consequence
Management (CM) in the JOA
OP 7.5 Integrate JOA Intelligence,
Surveillance, and Reconnaissance (ISR) with
CBRNE Situations
Tactical
TA 7.1 Conduct Mission Operations in a
CBRNE Environment
National Response Plan (NRP), December
2004; DoD 3150.8-M, Nuclear Weapon
Accident Response Procedures (NARP)
JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield
Explosives Consequence Management
(CBRNE CM)
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: New course, pending
certification by USJFCOM, Joint Warfighting
Center (JWFC)

Commander and Staff Nuclear Accident Response Seminar (CASNARS)

Course Number: DNWS-NR023

Nuclear, Homeland Defense Training

Objectives

- Provide overview of past nuclear weapons accidents and lessons learned.
- Provide an overview of potential hazards associated with nuclear and radiological accidents.
- Identify DoD nuclear accident response capabilities.
- Discuss the first three phases of a nuclear weapons accident response.
- Discuss state and local nuclear accident response capabilities.
- Discuss accident site organization and down range operations.
- Discuss command, control, and coordination in computer simulated exercises.

Content

- Overview on responsibilities during a nuclear weapon accident response.
- Overview of Federal, state, and local agencies responsibilities.
- Overview of procedural guidance and technical information needed to prepare DoD forces to respond to nuclear weapons incidents and to coordinate with other responding agencies.
- Course can be tailored to meet the specific content requirements needed from requesting unit/customer.

Format

Facilitated discussions and lectures supported by video presentations, case studies, and a computer-based exercises.

Faculty

DNWS Staff and other subject-matter-experts.

Who Should Attend:

Non-command staff personnel who are designated members of an initial response or response task force who require a general overview of nuclear weapons accident response.

Prerequisites

None

Registration

Determined by the requesting organization.

Security Requirements

None

Time and Location:

Based upon availability of DNWS staff and is coordinated with and determined by the requesting organization.

Appropriate Dress:

Determined by the requesting organization.



Class Length

NM 3 Days; 24 Hours

VA 5 Days; 40 Hours

Scheduled Dates

NM

1-3 Nov 06

6-8 Dec 06

31 Jan - 2 Feb 07

7-9 Mar 07

28-30 Mar 07

16-18 May 07

20-22 Jun 07

29-31 Aug 07

VA

TBD

Supports

WMD Pillar: Counterproliferation,
Consequence Management
WMD Mission: WMD Consequence
Management

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Operational
OP 7.4 Coordinated Consequence
Management in the JOA
National Response Plan (NRP), Homeland
Security
DoD 3150.8-M (NARP)
JP 3-28, Civil Support
JP 3-27, Homeland Defense
JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield
Explosives Consequence Management
(CBRNE CM)
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: USJFCOM, Joint
Warfighting Center (JWFC)

Consequence Assessment Tool Set (CATS) Level 1 Course

Course Number: DNWS-R020

**Chemical, Biological, Radiological, High-Yield Explosive,
Computer Modeling**

Objectives

At the end of this course, participants will be able to:

- Recognize and understand CATS capabilities and limitations.
- Define and describe analytical functionality in CATS.
- Select and demonstrate the appropriate application of modeling and assessment functionality within CATS.
- Apply and interpret the results of CATS analysis.

Content

- CATS software and hardware requirements and software configuration.
- Hazard types that can be modeled within CATS.
- Outputs available from CATS.
- Use of weather within CATS.
- Types of hazards handled by each model within CATS.
- Consequence assessment functions performed by each analytical tool.
- Use of geospatial information.
- Intelligence use and refinement.
- Selection, creation, and refinement of output.

Format

Instructor presentations, lectures, and computer-based exercises.

Faculty

DNWS staff and DTRA contracted trainers.

Who Should Attend

Military and government civilians involved in CBRNE event modeling.

Prerequisites

Requires basic computer skills and completion of the Geospatial Intelligence for Consequence Assessment course. Requires registration on ACECenter, <https://acecenter.cntr.dtra.mil> (page 62).

Registration

NM Location: Registration form must be received by DNWS registrar 15 working days before class.

VA Location: Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

NM Location: Report to DNWS at 0730 to complete registration on the first day of class.

VA Location: Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military: USA - Class B, USMC - Service B/C, USN - Khaki/Working Whites/Blues
USAF - Class B

Civilians: Business casual



Class Length

3 Days; 24 Hours

Scheduled Dates

NM

16-18 Apr 07

24-26 Sep 07

VA

TBD

Supports

WMD Pillar: Counterproliferation,
Consequence Management
WMD Mission: WMD Consequence
Management

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Operational

OP 7.4 Coordinated Consequence
Management in the JOA
National Response Plan (NRP), Homeland
Security
DoD 3150.8-M (NARP)
JP 3-28, Civil Support
JP 3-27, Homeland Defense
JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield
Explosives Consequence Management
(CBRNE CM)
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: USJFCOM, Joint
Warfighting Center (JWFC)

Consequence Assessment Tool Set (CATS) Level 2 Course

Course Number: DNWS-R021

**Chemical, Biological, Radiological, High-Yield Explosive,
Computer Modeling**

Objectives

At the end of this course, participants will be able to:

- Understand higher fidelity modeling tools.
- Define and describe analytical functionality in CATS.
- Select and apply higher fidelity modeling tools.
- Enhance the utility of models and data.
- Prepare enhanced output.

Content

- Higher fidelity modeling tools.
- Consequence assessment functions available in each analytical tool.
- Application of problem solving processes and the selection of appropriate modeling tools.
- Characterization and translation of intelligence into appropriate CATS input.
- Identification, construction, and refinement of enhanced outputs appropriate to the mission objective.

Format

Instructor presentations and computer-based exercises.

Faculty

DNWS staff and DTRA contracted trainers.

Who Should Attend

Military and government civilians involved in CBRNE event modeling.

Prerequisites

Completion of CATS Level 1, and Geospatial Intelligence for Consequence Assessment Course. Requires registration on ACECenter, <https://acecenter.cntr.dtra.mil> (page 62).

Registration

NM Location: Registration form must be received by DNWS registrar 15 working days before class.

VA Location: Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

NM Location: Report to DNWS at 0730 to complete registration on the first day of class.

VA Location: Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military:

USA - Class B

USMC - Service B/C,

USN - Khaki/Working Whites/Blues

USAF - Class B

Civilians: Business casual



Class Length

10 Days; 80 Hours

Scheduled Dates

January 07

Consequence Management Advisory Team (CMAT) Training Course

Course Number: DNWS-R024

Chemical, Biological, Radiological, High-Yield Explosive, Homeland Defense, Consequence Management, Counterproliferation, Nonproliferation, Required Course For Tier 1 and higher Consequence Management Advisory Team members

Objectives

- Introduction to DTRA Combat Support, Emergency Management Branch, the Consequence Management Advisory Team, and to affiliated CBRNE government agencies and military organizations.
- Provide basic introduction to CBRNE WMD and consequence management.

Content

- Introduce chemical hazards, medical aspects of treating chemically contaminated casualties, and major chemicals currently produced as weapons. Discuss chemical warfare conventions and treaties.
- Introduce biological hazards of concern, symptoms of infection, and treatment methods. Analyze/discuss countries with biological weapons production facilities and treaties/non-proliferation.
- Introduce radiological and nuclear hazards as well as long-term exposure to radiological hazards, medical effects of ionizing radiation, and treatments.
- Discuss nonproliferation and states that currently have or are investigating nuclear weapons.
- Discuss high-yield explosives and their role as improvised weapons.
- Introduce basic properties of explosive materials available to the public.
- Define and discuss weapons of mass destruction and ways to detect them.
- Discuss counter-proliferation and treaties.
- Introduce NORTHCOM, FBI, and other government agencies that play roles in the war against terrorism and weapons of mass destruction.
- Apply knowledge in scenario-driven exercises designed to integrate students' understanding and ability to act as a coordinated staff.

Format

Classroom lectures and exercises.

Faculty

DNWS staff, representatives from identified Federal agencies, and DTRA contracted trainers.

Who Should Attend

DTRA employees, military or civilian, who are likely to be called upon to work as a consequence management advisory team member.

Prerequisites

None

Registration

Registration form must be received by DNWS registrar 15 working days before class.

Security Requirements

Secret clearance required.

Time and Location

TBD

Appropriate Dress:

Military: Combat uniform or equivalent

Civilians: Business casual

Supports

WMD Pillar: Counterproliferation, Consequence Management, Nonproliferation
WMD Mission: WMD Consequence Management

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis: None provided.

Course Certification: None provided.



Class Length

2 Days; 16 Hours

Scheduled Dates

By Invitation

Conventional Armed Forces in Europe (CFE) Treaty Orientation Course

Course Number: NA

Conventional, Arms Control

Objectives

Obtain working knowledge of CFE Treaty and operating environment.

Content

- CFE Treaty Overview.
- DTRA operations and procedures.
- Site preparation guidelines.

Format

Lectures

Faculty

Operational subject-matter-experts and guest speakers from other agencies.

Who Should Attend

By invitation only. Personnel whose duties entail direct involvement in the CFE treaty implementation.

Prerequisites

None

Registration

Via periodic message. Send completed applications (DTRA 27) to DTRA/OSPT; FAX 703-767-2666.

Security Requirements

Secret clearance required.

Time and Location

TBD

Appropriate Dress

Class B uniform for military (No flight suits or BDUs) and business casual for civilians.

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic, SN 9.X. CFE Treaty.

Course Certification: ACE Accreditation



Class Length

5 Days; 40 Hours

Scheduled Dates

Determined by sponsoring combatant commander

Supports

WMD Pillar: Consequence Management
WMD Mission: Active Defense/Interdiction

Level of Learning: Evaluation

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic: Applicable UJTL Task(s) SN 3.4.7,
SN 8.1.10, SN 9.2.1, JP 3-07.2, DoDD 2000.12,
DoDI 2000.16, DoDI 2000.18,
DoD O-2000.12-H.

Course Certification: None provided.

DoD Antiterrorism Program Course

Course Number: G55000APCIL

Chemical, Biological, Radiological, High-Yield Explosive

Objectives

- To provide students the ability to develop, inspect, and maintain an antiterrorism program based on the guidance in DoDD 2000.12 and the AT Standards in DoDI 2000.16.
- Educate antiterrorism working groups on the roles they play in developing/ implementing/inspecting AT programs and plans.
- To provide installation antiterrorism officers and antiterrorism working groups the ability to conduct local vulnerability assessments.
- Provide a familiarity with the DTRA Vulnerability Assessment Benchmarks.

Content

- Addresses five AT program elements: risk management, planning, training and exercises, resource generations, and program review.
- Defines AT requirements for installation commanders/facility directors.
- DoD Minimum AT Physical Security Measures.
- Incorporates COMBATANT CMDS, component, and Service supplements to DoD guidance.
- Joint Antiterrorism Program Manager's Guide (JAT).
- Lessons learned.

Format

- Lectures supported by slide presentations.
- Facilitated discussions.
- Case studies.
- Classroom exercises.
- Field group exercises.

Faculty

Combat Support Assessments Division, Support Branch staff.

Who Should Attend

Antiterrorism officers, vulnerability assessment team members, antiterrorism working groups members.

Prerequisites

Level I AT training required, level II training recommended.

Registration

As identified by the sponsoring combatant commander.

Security Requirements

Secret

Time and Location

As identified by the sponsoring combatant commander.

Appropriate Dress

BDU for military, business casual for civilians.



Class Length

Program is planned and executed over 12-18 months.

Scheduled Dates

Published in CJCS Exercise Schedule

Supports

WMD Pillar: Consequence Management

WMD Mission: WMD Consequence Management

Level of Learning: Application
Learning Environment: Collective

Level of Warfare and Doctrinal Basis:
Supports Level of Warfare/UJTL:
Strategic (National)
SN 9.2.2 Coordinate Consequence Management
Operational
OP 7.4 Coordinate Consequence Management (CM) in the JOA
Tactical
TA 7.1 Conduct Mission Operations in a CBRNE Environment
DOD Instruction 2000.21, JCSI 3214.01A, JP 3-07.6, JP 3-41
Course Certification: CJCS Exercise Program (CEP)

Foreign Consequence Management (FCM) Collective Training

Course Number: NA

Chemical, Biological, Radiological, Nuclear, High-Yield Explosive

Objectives

- Coordinate DoD response to a CBRNE incident (OSD, Joint Staff, and command level).
- Provide direct support to the Department of State (DOS), the lead Federal agency (LFA), and the American Embassy (in country).
- Coordinate support with international organizations (IO), non-governmental organizations (NGO), and private organizations (PVO).

Content

- Response organization capabilities.
- Interacting with host nation's local police, fire, and medical.
- CBRNE effects and safety considerations.
- How to adapt staff procedures to operate in a CBRNE incident.

Format

Progressive sessions tailored to staff competency: Seminar, table-top, command post, and full field exercises (progressive exercise program).

Faculty

CSM

Who Should Attend

Responding unit through command, component, COMBATANT CMDS, Joint Staff, NMCC, OSD, DOS, DOE, DHS, PVOs, NGOs, IOs, etc.

Prerequisites

Staff pre-assessment done by CSM.

Registration

As determined by supported commander.

Security Requirements

Dependent on exercise.

Time and Location

Published in CJCS Exercise Schedule.

Appropriate Dress

Duty uniform.



Class Length

2 Days; 16 Hours

Scheduled Dates

30-31 Oct 06

4-5 Dec 06

29-30 Jan 07

5-6 Mar 07

26-27 Mar 07

14-15 May 07

18-19 Jun 07

27-28 Aug 07

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Analysis

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic: SN 9.2
Operational
OP 7.4 Coordinated Consequence Management in the JOA
National Response Plan (NRP), Homeland Security
DoD 3150.8-M (NARP)
JP 3-28, Civil Support
JP 3-27, Homeland Defense
JP 3-41, Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives Consequence Management (CBRNE CM)
CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide
DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation
Course Certification: None provided.

Geospatial Intelligence for Consequence Assessment (GICA)

Course Number: DNWS-R023

Chemical, Biological, Radiological, Nuclear, High-Yield Explosives

Objectives

- Demonstrate knowledge of geospatial information systems (GIS) principles and terminology.
- Demonstrate techniques for proper topographic portrayal according to National Geospatial Agency (NGA) specifications with ArcGIS Software.
- Demonstrate techniques for creating, editing, projecting, and attributing data in an ArcGIS database.
- Demonstrate techniques for final processing, analyzing and classifying data in an ArcGIS database.

Content

- GIS software principles and operation.
- GIS as the Consequence Assessment Tool Set (CATS) software platform.

Format

Instructor presentations and computer-based exercises.

Faculty:

DNWS staff and NGA trainers.

Who Should Attend

Military and government civilians involved in CBRNE event modeling.

Prerequisites

This course is normally taken prior to CATS Level 1. Requires basic computer skills.

Registration

NM Location: Registration form must be received by DNWS registrar 15 working days before class.

Security Requirements

None

Time and Location

NM Location: Report to DNWS at 0730 to complete registration on the first day of class.

Appropriate Dress:

Military:

USA - Class B

USMC – Service B/C,

USN – Khaki/Working Whites/Blues

USAF – Class B

Civilians: Business casual



Class Length

5 Days; 40 Hours

Scheduled Dates

NM

23-27 Oct 06

27 Nov-1 Dec 06

22-26 Jan 07

26 Feb-2 Mar 07

19-23 Mar 07

7-11 May 07

11-15 Jun 07

20-24 Aug 07

VA

TBD

Supports

WMD Pillar: Counterproliferation,
Consequence Management
WMD Mission: WMD Consequence
Management
Level of Learning: Analysis

Level of Warfare and Doctrinal Basis:
Strategic: SN 9.2
Operational
OP 7.4 Coordinated Consequence
Management in the JOA
National Response Plan (NRP), Homeland
Security
DoD 3150.8-M (NARP)
JP 3-28, Civil Support
JP 3-27, Homeland Defense
JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield
Explosives Consequence Management
(CBRNE CM)
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: Joint training in
accordance with CJCSM 3500.03A, Joint
Training Manual. USJFCOM, Joint
Warfighting Center JWFC.

Hazard Prediction and Assessment Capability (HPAC) Level 1 Course

Course Number: DNWS-R017

Chemical, Biological, Radiological, Nuclear

Objectives

At the end of this course, participants will be able to:

- Explain capabilities and limitations of HPAC.
- Review, apply, and demonstrate source term functionality in HPAC.
- Select and demonstrate the appropriate application of editor within HPAC.
- Differentiate and develop results of HPAC calculations.

Content

- Overview of HPAC and the HPAC Graphical User Interface (GUI).
- Primers on chemical, biological, and nuclear radiological weapons.
- Weather terms, definitions, data types, and the HPAC weather GUI.
- Interpretation of HPAC analysis plots and tables.
- Common HPAC warning and error messages.
- Exercises on the various scenarios that can be modeled with HPAC, such as chemical/biological facility, chemical/biological/nuclear weapon incident, industrial chemical, radiological weapon, and missile intercept.

Format

Instructor presentations and computer-based exercises.

Faculty

DNWS Staff and subject-matter-experts. DTRA contracted trainers.

Who Should Attend

Military and civilian involved in CBRN event modeling.

Prerequisites

Requires basic computer skills. Requires registration on ACECenter, <https://acecenter.cntr.dtra.mil> (page 62).

Registration

NM Location: Registration form must be received by DNWS registrar 15 working days before class.

VA Location: Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

NM Location: Report to DNWS at 0730 to complete registration on the first day of class.

VA Location: Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military:

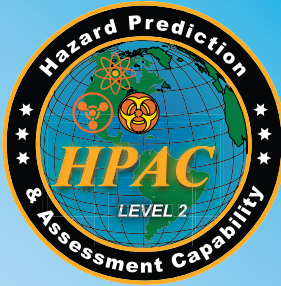
USA - Class B

USMC - Service B/C,

USN - Khaki/Working Whites/Blues

USAF - Class B

Civilians: Business casual



Class Length

5 Days; 40 Hours

Scheduled Dates

NM

9-13 Apr 07

17-21 Sep 07

VA

TBD

Supports

WMD Pillar: Counterproliferation,
Consequence Management
WMD Mission: WMD Consequence
Management

Level of Learning: Analysis

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic: SN 9.2
Operational
OP 7.4 Coordinated Consequence
Management in the JOA
National Response Plan (NRP), Homeland
Security
DoD 3150.8-M (NARP)
JP 3-28, Civil Support
JP 3-27, Homeland Defense
JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield
Explosives Consequence Management
(CBRNE CM)
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: Certified for joint
training in accordance with CJCSM
3500.03A, Joint Training Manual
USJFCOM, Joint Warfighting Center (JWFC)

Hazard Prediction and Assessment Capability (HPAC) Level 2 Course

Course Number: DNWS-R018

Chemical, Biological, Radiological, Nuclear

Objectives

At the end of this course, participants will be able to:

- Explain the capabilities and limitations of HPAC.
- Review, apply, and demonstrate source term functionality in HPAC.
- Select and demonstrate the appropriate application of editors within HPAC.
- Differentiate and develop results of HPAC calculations.

Content

- Specification of complex environments.
- Differences between HPAC and other transport dispersion modeling tools.
- Using HPAC with environment and hazard description uncertainties.
- Use of surrogates for hazardous materials to model different situations.
- Advanced weather topics, manual weather input, and weather file formats and options.
- Situational assessment and intelligence appraisal in the selection of appropriate HPAC editors.
- Interpretation, translation, and communication of HPAC results in appropriate formats.

Format

Instructor presentations and computer-based exercises.

Faculty

DNWS staff, subject-matter-experts, and DTRA contracted trainers.

Who Should Attend

Military and civilians involved in CBRN event modeling.

Prerequisites

HPAC Level 1 or equivalent and 6 months HPAC experience. Requires registration on ACECenter, <https://acecenter.cntr.dtra.mil> (page 62)

Registration

NM Location: Registration form must be received by DNWS registrar 15 working days before class.

VA Location: Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

NM Location: Report to DNWS at 0730 to complete registration on the first day of class.

VA Location: Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military: USA - Class B, USMC – Service B/C, USN – Khaki/Working Whites/Blues
USAF – Class B

Civilians: Business casual



Class Length

5 Days; 40 Hours

Scheduled Dates

VA

TBD

Supports

WMD Pillar: Counterproliferation,
Consequence Management
WMD Mission: WMD Consequence
Management

Level of Learning: Analysis

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic: SN 9.2
Operational OP 7.4 Coordinated
Consequence Management in the JOA
National Response Plan (NRP), Homeland
Security DoD 3150.8-M (NARP) JP 3-28, Civil
Support JP 3-27, Homeland Defense
JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield Explosives
Consequence Management (CBRNE CM)
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass Destruction and
Training Transformation
Course Certification: Certified for joint
training in accordance with CJCSM
3500.03A, Joint Training Manual USJFCOM,
Joint Warfighting Center (JWFC)

Hazard Prediction and Assessment Capability (HPAC) Level 3 Course

Course Number: DTRA-Alex-HL3

Chemical, Biological, Radiological, Nuclear,
High-Yield Explosive

Objectives

- Evaluate Capabilities and Limitations of HPAC.
 - Identify how HPAC comprehensively specifies complex environments.
 - Contrast the differences between HPAC and other dispersion modeling tools.
 - Examine the uncertainties in the environment and hazard description, and how HPAC addresses those uncertainties.
 - Propose surrogates for hazardous materials to meet situation or objectives.
- Manage source term functionality within HPAC.
 - Plan the use of weather within HPAC.
 - Formulate optimal inputs for HPAC.
 - Choose project characteristics and compare their impact on performance and results.
 - Select and Evaluate the appropriate application of editors within HPAC.
 - Assess the situation or objective.
 - Appraise the appropriateness of the intelligence.
 - Choose and defend the selection of appropriate editors.
- Evaluate the results of HPAC Calculations.
 - Choose and defend output appropriate to the objective.
 - Estimate the utility and argue the validity of the refined output.
 - Interpret, translate, and communicate HPAC results in the appropriate format.

Format

Facilitated discussions and lectures supported by computer based exercises.

Faculty

DTRA contracted trainers.

Who Should Attend

Military and Federal employees or their contractors who need to be able to perform quality assurance on HPAC output, need to be able to assess the validity and assumption made by HPAC, or have a need to use advanced HPAC features. Participants must have completed the HPAC Level 2 course and have 6 or more months of HPAC experience.

Prerequisites

HPAC Level 1 and HPAC Level 2.

Registration

Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military: USA - Class B, USMC - Service B/C, USN - Khaki/Working Whites/Blues, USAF - Class B
Civilians: Business casual



Class Length

Varies

Scheduled Dates

By invitation

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation
Passive Defense

Level of Learning: Analyze

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Supports Level of Warfare/UJTL: Operational,
and Tactical Implementing Agreements
between the US Department of Defense
and Central Asian Republics of the Former
Soviet Union

Course Certification: Recipient states
develop certifications that meet their legal
and statutory requirements.

Human Disease Surveillance (HDS) Course

Course Number: NA

Biological

Objectives

- Provide comprehensive training to foreign physicians, clinicians, epidemiologists, and scientists actively working within the framework of the Biological Threat Reduction Program (BTRP).
- Incorporate modern medical, laboratory, specimen collection, and analysis technologies necessary to operate laboratories built through the auspices of the BTRP Program.
- Provide systems training for databases collection, and reporting specifically developed through the BTRP program for the Threat Agent Detection and Response Project.
- Recognize especially dangerous pathogens collected from distributed sites, using molecular diagnostics techniques in a sterile environment.

Content

- General overview of human disease epidemiology, clinical diagnosis and laboratory, and molecular diagnostics skills.
- Introduction of epidemiology of endemic human diseases analyzed through the TADR project.
- Clinical and field recognition of especially dangerous pathogens.
- Laboratory personnel training and use of the TADR system.
- Computer and information technology training on the Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS).

Format

- Facilitated lectures, field exercises, and facilitated clinical laboratory exercises.
- Facilitated Epidemiology exercises at the strategic and field level.

Faculty

Foreign nationals, who are experts in the field from the recipient state's ministry of health, with guidance from various USG and NGO experts.

Who Should Attend

Epidemiologists, Laboratory managers, clinicians, physicians, and scientists selected by the recipient state to work in facilities built under the auspices of the BTRP program.

Prerequisites

Module based course of Instruction requiring a sequential completion of each module.

Registration

Registration is restricted to recipient state participants of the BTRP program.

Security Requirements

None

Medical Requirements

Certain modules require vaccinations for specific diseases not routinely given to the population.

Time and Location

This is a 2.5 year course of instruction, and is only provided in the recipient state, at locations designated by the trainer.

Appropriate Dress

Some modules require the use of personal protective equipment necessary for wear in a biologically contaminated environment.



Class Length

5 Days; 40 Hours

Scheduled Dates

TBD

Supports

WMD Pillar: Counterproliferation,
Consequence Management
WMD Mission: WMD Consequence
Management

Level of Learning: Analysis

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic: OP 7.4 Coordinated
Consequence Management in the JOA
National Response Plan (NRP), Homeland)
Course Certification: None provided.

Integrated Munitions Effects Assessment (IMEA) Level 1 Course

Course Number: DTRA-Alex-IL1

**Chemical, Biological, Radiological, Nuclear,
High-Yield Explosive**

Objectives

- Understand limitations and capabilities of IMEA (knowledge).
 - Define functions/processes of IMEA and understand HW/SW requirements.
 - Recognize the Lexicon and issues of hardened deeply buried targets (HDBT), and weapons nomenclature in the context of using IMEA.
 - Understand uncertainty inherent in input and output.
 - Identify appropriate reachback resources and general limitations as capabilities.
- Apply an IMEA database.
 - Memorize, understand, and apply the hierarchy of the IMEA target tree (import, export, open, create).
 - Understand and apply the IMEA model (creating simple model using MPW and TMG for B&B, and simple terrain for tunnels).
 - Modify and manipulate database and model.
- Apply an attack plan on a model.
 - Understand and select mode.
 - Select and apply weapon(s) and aimpoint(s).
 - Calculate results and Interpret and communicate results.
- Demonstrate IMEA with HPAC.
 - Recognize CB and HPAC terminology and issues.
 - Identify WMD targeting issues.
 - Apply hazmat to previously built model and apply an attack plan.
 - Interpret and chose appropriate release and run HPAC.

Format

Facilitated discussions and lectures supported by computer based exercises.

Faculty

DTRA contracted trainers.

Who Should Attend

Military and Federal employees or their contractors who have targeting or weaponeering responsibilities and possess basic computer skills.

Prerequisites

None

Registration

Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military:
USA - Class B
USMC – Service B/C,
USN – Khaki/Working Whites/Blues
USAF – Class B

Civilians: Business casual



Class Length
5 Days; 40 Hours

Scheduled Dates
TBD

Supports

WMD Pillar: Counterproliferation,
Consequence Management
WMD Mission: WMD Consequence
Management

Level of Learning: Analysis

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic: OP 7.4 Coordinated
Consequence Management in the JOA
National Response Plan (NRP), Homeland)
Course Certification: None provided.

Integrated Munitions Effects Assessment (IMEA) Level 2 Course

Course Number: DTRA-Alex-IL2
**Chemical, Biological, Radiological,
Nuclear, High-Yield Explosive**

Objectives

- Understand limitations and capabilities of IMEA (knowledge).
 - Understand issues inherent in model building and uncertainty in computational algorithms.
 - Identify additional resources available on more complex modeling and targeting issues.
 - Understand topographical issues.
 - Understand the weapon availability and characteristics within IMEA.
- Create an IMEA Database.
 - Review the hierarchy of the IMEA target tree (import, export, open, create).
 - Understand and build B&B and tunnel model using appropriate design methodology.
 - Modify and manipulate database and model.
- Develop an attack plan on a model.
 - Determine weapon(s) and aimpoint(s) to achieve desired effect on target model.
 - Interpret and defend results.
 - Calculate results using appropriate objectives and tools.
- Add hazmat to model and design an attack plan to meet objectives.
 - Incorporate hazmat into model.
 - Assess WMD-unique targeting issues and determine weapon(s) and aimpoint(s) to meet objective.
 - Apply hazmat to previously built model and apply an attack plan.
 - Interpret and defend results.

Format

Facilitated discussions and lectures supported by computer based exercises.

Faculty

DTRA contracted trainers.

Who Should Attend

Military and Federal employees or their contractors who have completed IMEA Level 1 course and desire to understand and utilize the more advanced features of IMEA.

Prerequisites

IMEA Level 1.

Registration

Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military: USA - Class B, USMC – Service B/C, USN – Khaki/Working Whites/Blues
USAF – Class B
Civilians: Business casual



Class Length

1-1 1/2 Days; 8-12 Hours

Scheduled Dates

21-22 Mar 07

19-20 Sep 07 (DC)

Joint DoD-DOE Nuclear Surety Executive Course (JNSEC)

Course Number: DNWS-R009

Nuclear

Objectives

Provide an overview of the nuclear weapons surety environment to include the functional areas of safety, security, and control as well as the U.S. nuclear stockpile and stockpile processes.

Content

- An overview of nuclear weapons surety.
- A review of nuclear weapons design principles.
- The composition of the current stockpile.
- The nuclear weapons safety, security, and control environments.
- The DOE transportation equipment and procedures (Albuquerque only).
- The nuclear weapons lifecycle.
- A discussion of current issues that effect the surety of the nuclear stockpile.
- Tour of the Weapons Display Area (WDA) (Albuquerque location only).

Format

Facilitated discussions and lectures (WDA tour conducted at DNWS).

Faculty

DNWS Staff and subject-matter-experts.

Who Should Attend

Senior military and Federal employees who have nuclear weapons responsibilities.

Prerequisites

None

Registration

Registration forms must be received by student services a minimum of 15 working days before the class start date. JNSEC is offered as mobile training in the Washington DC area. Registration procedures for the MTT iteration will be explained in the invitation package.

Security

DoD secret clearance with CNWDI or DOE "Q" clearance with Sigmas 1-5

Time and Location

Report to the DNWS at 0730 on class start date.

Washington DC area report at 0700.

Appropriate Dress:

Military:

USA - Class B

USMC - Service B/C,

USN - Khaki/Working Whites/Blues (E)

USAF - Class B

Civilians: Business casual

Supports

WMD Pillar: None

WMD Mission: None

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:

Strategic National

SN 3.4.8 Coordinate Nuclear Surety

Doctrinal Basis

JP 3-0 Joint Operations

CJCSM 3500.05A Joint Task Force

Headquarters Master Training Guide

DTRA Comprehensive Program and Training

Plan for Weapons of Mass Destruction and

Training Transformation

Course Certification: USJFCOM, Joint

Warfighting Center (JWFC)



Class Length

5 Days; 40 Hours

Scheduled Dates

29 Jan-2 Feb 07

19-23 Mar 07

14-18 May 07

20-24 Aug 07

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic (National):

SN 8.2.2 Support Other Government
Agencies

SN 8.2.1 Support DoD and Joint Agencies
Operational:

OP 4.5.3 Recommend Evacuation Policy
and Procedures for the Joint

Operations Area [JOA] OP 4.7.8 Establish
Disaster Control Measures

OP 7.4 Coordinate Consequence
Management (CM) in the JOA

OP 7.5 Integrate JOA Intelligence,
Surveillance, and Reconnaissance (ISR)
with CBRNE Situations

National Response Plan (NRP), Homeland
Security

DOT Emergency Response Guidebook 2004
DoD 3150.8-M Nuclear Weapons Accident

Response Procedures (NARP)

Field Manual 9-15 EOD Service and Unit
Operations

JP 3-28, Civil Support

JP 3-11, Joint Doctrine for Operations in NBC
Environments

JP 3-27, Homeland Defense

JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield

Explosives Consequence Management
(CBRNE CM)

CJCSM 3500.05A, Joint Task Force

Headquarters Master Training Guide

DTRA Comprehensive Program and Training
Plan for Weapons of Mass

Destruction and Training Transformation
DTRA-AR-40H, WMD Terms Reference

Handbook 1 Feb 2002

Course Certification: USJFCOM, Joint
Warfighting Center (JWFC)

Joint Nuclear Explosive Ordnance Disposal Course (JNEODC)

Course Number: DNWS-R006

Nuclear

Objectives

- Describe active stockpile weapons and associated delivery systems.
- Identify hazardous and classified active/inactive stockpile weapon components.
- Identify DoD, DOE, and EOD roles and responsibilities during a stockpile accident.
- Describe basic nuclear physics, biological effects, and protection from radiation exposure.
- Demonstrate setup and operation of an emergency contamination control station, use of radioactivity monitoring equipment, and to properly don anti-c clothing.

Content

- Detailed sustainment training for military personnel in nuclear EOD operations.
- Emphasis on nuclear weapons design information including nuclear physics, safety, component subsystems, and identification features as well as detailed component familiarization.
- General foreign systems information.
- Consideration of radiation effects, potential hazards, and protection methods.
- Scope of actions of an initial response force EOD team member.

Format

Facilitated discussions, lectures, weapons cut-a-ways, WDA Tour, and written and practical testing in a field environment.

Faculty

DNWS Staff, DOE instructors, and guest subject-matter-experts.

Who Should Attend

Military EOD technicians (E-4 and above) currently filling an operational EOD position.

Prerequisites

Naval School Explosive Ordnance Disposal (Phase III Nuclear Weapon Ordnance Division).

Registration

Registration form must be received by office 15 working days before class.

Security Requirements

DoD Secret clearance with CNWDI or DOE "Q" clearance with Sigmas 1-5.

Special Medical Requirements

Must be able to wear full face, negative pressure, air purifying respirator.

Time and Location

Report to Sandia National Laboratories Badge Office at 0715 on class start date.

Appropriate Dress

Military: BDUs, ADUs, or utility uniform

Civilians: Casual clothing

PT gear recommended for field exercises. Students who wear eye glasses should bring inserts for MCU2P/M40 series masks.



Class Length

5 Days; 40 Hours

Scheduled Dates

11-15 Dec 06 (Wash DC)
12-16 Feb 07 (MTT)
2-6 Apr 07
4-8 Jun 07 (MTT)
9-13 Jul 07 (held in
conjunction with NCP-52)
10-14 Sep 07 (MTT)

Supports

WMD Pillar: Nonproliferation,
Counterproliferation, Consequence
Management
WMD Mission: Offensive Operations,
Elimination, Interdiction, Active Defense,
WMD Consequence Management, Threat
Reduction Cooperation, Passive Defense

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic National
SN 5.2.3 (Review Operational Plans)
SN 9.2.2 (Coordinate Consequence
Management)
Strategic Theater
ST 5.3.4 (Prepare and coordinate Theater
Strategy, Campaign Plans or Operational
Plans and Orders)
Doctrinal/Source Basis:
National Response Plan (NRP), Homeland
Security
National Military Strategy on Combating
WMD
DOT Emergency Response Guidebook 2004
DoD 3150.8-M Nuclear Weapons Accident
Response Procedures (NARP)
JP 3-11, Joint Doctrine for Operations in NBC
Environments
JP 3-27, Homeland Defense
JP 3-40, Combating WMD
JP 3-41, Chemical, Biological, Radiological,
Nuclear, and High-Yield
Explosives Consequence Management
(CBRNE CM)
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: USJFCOM, Joint
Warfighting Center (JWFC)

Joint Planners Course (JPC) for Combating WMD

Course Number: DNWS-R022

**Chemical, Biological, Radiological,
Nuclear, High-Yield Explosive**

Objectives

- Develop planning skills to review, revise, and coordinate COMBATANT CMDS-level plans related to combating WMD use.
- Know, use, and apply:
 - U.S. policies, doctrine and operational guidance, CBRNE current threat, delivery means, and effects.
 - Planning process and considerations required to develop WMD elements of OPLANs, CONPLANs, and annexes.
 - Planning considerations for and uses of military and other U.S. government assets available in a CBRN environment.

Content

- Weapons elimination operations
- Force protection (CBRNE defense)
- Consequence management
- Foreign consequence management
- Nonproliferation
- Counter-proliferation
- JOPES, as it applies to CBRN planners
- OPLAN writing and revision
- US and DoD Policies on combating WMD

Format

- Facilitated discussions and lectures supported by video presentations.
- End of course plans writing exercise.

Faculty

DNWS staff and contracted subject-matter-experts.

Who Should Attend

Military personnel and Federal employees (O-4 through O-6 or equivalent grade) occupying J-5 or other Plans writing positions.

Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

Security Requirements

DoD secret clearance.

Time and Location

Report to the DNWS or designated Washington DC location at 0730 on class start date.

Appropriate Dress

Military: USA - Class B

Civilians: Business casual

USMC – Service B/C;

USN – Khaki/Working Whites/Blues (E)

USAF – Class B



Class Length
5 Days; 40 Hours

Scheduled Dates
23-27 Apr 07
4-8 Jun 07

Supports

WMD Pillar: Consequence Management
WMD Mission: Security Cooperation
and Partner Activities, Threat Reduction
Cooperation, Passive Defense (Shape)

Level of Learning: Analysis
Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic National
SN 4.3.3 (Coordinate Defense-wide Health
Service);
Strategic Theater
ST 4.2.2 (Coordinate Health Service Support
Operational
OP 4.4.3 (Provide Health Service in a Joint
Operations Environment)
Doctrinal/Source Basis:
National Response Plan (NRP), Homeland
Security
DoD 3150.8-M Nuclear Weapons Accident
Response Procedures (NARP)
JP 3-28, Civil Support
JP 3-27, Homeland Defense
JP 3-41 Chemical, Biological, Radiological,
Nuclear, and High-Yield
Explosives Consequence Management
(CBRNE CM)
JP 4-02, Health Support in Joint Operations
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation

Course Certification:

Continuing Nursing Education (CNE): This
activity is provided by USUHS, which is
accredited as a provider of continuing
nursing education by the American Nurses
Credentialing Center's Commission on
Accreditation.
Continuing Medical Education (CME):
USUHS is accredited by the Accreditation
Council for Continuing Medical Education
(ACCME) to provide continuing medical
education for physicians. This activity has
been approved for American Medical
Association (AMA), Category 1, Physician's
Recognition Award (PRA) credit.

Medical Effects of Ionizing Radiation (MEIR)

Course Number: DNWS-R015

Objectives

- Illustrate the process by which radiation interacts with matter.
- Describe the energies released by ionizing radiation sources and their effects on biological systems.
- Explain characteristics of fallout and its hazards.
- Examine methods for removal of deposited radioactive materials in the body.
- Detail effects of blast and thermal energy release on equipment, structures, and biological systems.
- Discuss causes of radiation sickness and appropriate treatment strategies.
- Describe long-term, low-level, and chronic high-dose sublethal exposures of ionizing radiation.
- Discuss medical implications of combined radiation/battlefield injuries.
- Explain principles and procedures for pharmacological protection against expected radiation hazards.
- Discuss documentary evidence of the effects of high-level radiation exposure, both locally and systemically, in accidental human radiation exposures.

Content

- Provides medical personnel with background material relating to human injury and combat effectiveness in a nuclear weapons incident scenario.
- Introduces physical principles of nuclear weapons and ionizing radiation, including external and internal contamination.

Format

- Lectures and facilitated discussion supported by video presentations.
- Triage and decontamination exercises as well as case studies.

Faculty

Armed Forces Radiological Research Institute (AFRRI) subject-matter-experts and DNWS Staff.

Who Should Attend

Lectures are postgraduate-level instruction primarily for healthcare providers, senior disaster preparedness personnel, and operational planners. However, the course is open to all military personnel and to select civilian personnel with prior approval from the course director.

Prerequisites:

Approval is required by AFRRI course director.

Registration

Registration is administered by the AFRRI Military Medical Operations Office at (301) 295-0316 or DSN 295-0316; email, <http://www.afri.usuhs.mil/www/outreach/meir/meir.htm>

Security Requirements

None

Time and Location

Report to DNWS at 0730 on first day of class.

Appropriate Dress

Military: USA - Class B, USMC – Service B/C, USN – Khaki/Working Whites/Blues (E), USAF – Class B, Civilians: Business casual

For field training: Military: BDU/Utility uniforms Civilian: Casual
Physical training clothing will be necessary for decontamination and field exercises.



Class Length

10 Days; 80 Hours

Scheduled Dates

27 Nov-8 Dec 06

22 Jan-2 Feb 07

26 Feb-9 Mar 07

2-13 Apr 07

30 Apr-11 May 07

30 Jul-10 Aug 07

Nuclear Emergency Team Operations (NETOP)

Course Number: DNWS-R026

Nuclear

Objectives

- Demonstrate an understanding of basic nuclear physics, biological effects, and protection exposure.
- Identify potential hazards and explain personal protection applications.
- Describe national response plans and the requirement for a military response.
- Demonstrate use of radioactivity monitoring instruments.
- Explain radiation dosimetry and the use of a dosimeter.
- Collect radioactive airborne samples.
- Demonstrate accident patterns and plotting.
- Properly don anti-C clothing.
- Setup and operation of a contamination control station.

Content

- Discussions of weapons related accidents with response plans and capabilities.
- Consideration of radiation effects, potential hazards, and protection methods.
- Assessment of accident patterns and plotting.
- Knowledge of radiation detection equipment.
- Discussions of radiological dispersal devices.
- Processes involved in contamination control station operations.
- Scope of actions as a radiological emergency team member.

Format

Facilitated discussion, lectures supported by video presentations, and group field exercises.

Faculty

DNWS Staff and subject-matter-experts.

Who Should Attend

Military personnel and Federal employees occupying EOD, NBC defense specialties and career fields, or other emergency response force positions.

Registration

Registration form must be received by office 15 working days before class.

Security Requirements

None

Special Medical Requirements

Special medical requirements for civilian attendees are IAW Sections 1 and 2, Part A of Appendix C, 29 CFR 1910.134(e), which requires proof that the registrant has been medically evaluated and cleared by a licensed physician (board certified internal or occupational health) to wear a full-face, negative pressure, air purifying respirator (i.e., MCU2P or M40 protective mask). Certification of medical clearance must be included as part of registration.

Time and Location

Report to DNWS at 0730 on class start date

Appropriate Dress

Military: BDUs, ADUs, or utility uniform

Civilians: business casual

Bring comfortable clothing for field exercises (i.e., PT gear). Students who wear eye glasses should bring inserts for MCU2P/M40 series protective masks.

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Tactical; TA 7 (Operate in a CBRNE Environment) and TA 7.1 (Conduct Mission Operations in a CBRNE Environment)
DoD 3150.8-M (NARP)

Course Certification: USJFCOM by Joint Warfighting Center (JFWC)



Class Length

5 Days; 40 Hours

Scheduled Dates

4-8 Jun 07

9-13 Jul 07

10-14 Sep 07

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Supports Level of Warfare/UJTL:
Tactical
TA 7 (Operate in a CBRNE Environment)
TA 7.1 (Conduct Mission Operations in a CBRNE Environment)
National Response Plan (NRP), Homeland Security
DOT Emergency Response Guidebook 2004
DoD 3150.8-M Nuclear Weapons Accident Response Procedures (NARP)
Field Manual 9-15 EOD Service and Unit Operations
JP 3-28, Civil Support
JP 3-11, Joint Doctrine for Operations in NBC Environments
JP 3-27, Homeland Defense
JP 3-41, Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives Consequence Management (CBRNE CM)
CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide
DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation
DTRA-AR-40H, WMD Terms Reference Handbook 1 Feb 2002
Course Certification: USJFCOM, Joint Warfighting Center (JWFC)

Nuclear Emergency Team Orientation (NETOR)

Course Number: DNWS-NR022

Radiological, Nuclear Response

Objectives

- Describe basic nuclear physics, biological effects, and protection exposure.
- Identify potential hazards and explain personal protection applications.
- Describe national response plans and the requirement for a military response.
- Demonstrate use of radioactivity monitoring instruments.
- Explain radiation dosimetry and the use of a dosimeter.
- Identify principles for collecting radioactive airborne samples.
- Demonstrate accident patterns and plotting.
- Demonstrate the ability to properly don anti-C clothing.
- Demonstrate setup and operation of a contamination control station.

Content

- Discussions of weapons related accidents, response plans, and capabilities.
- Consideration of radiation effects, potential hazards, protection methods.
- Assessment of accident patterns and plotting.
- Knowledge of radiation detection equipment.
- Discussions of radiological dispersal devices.
- Processes involved in contamination control station operations.
- Scope of actions as a radiological emergency team member.

Format

Facilitated discussion and lectures supported by video presentations.

Faculty

DNWS Staff and subject-matter-experts.

Who Should Attend

Determined by the requesting organization.

Registration

Determined by requesting organization.

Security Requirements

Determined by requesting organization.

Time and Location

Determined by requesting organization (based upon DNWS staff availability).

Appropriate Dress

Military: BDUs, ADUs, or utility uniform

Civilians: Business casual



Class Length

15 Days; 116 Hours

Scheduled Dates

9-27 Jul 07

(includes registration for JPC 9-13 Jul 07 course)

Supports

WMD Pillar: Nonproliferation;
Counterproliferation; Consequence
Management
WMD Mission: Offensive Operations,
Elimination, Interdiction, Active Defense,
WMD Consequence Management, Security
Cooperation and Partner Activities, Threat
Reduction Cooperation, Passive Defense:
Sense, Shape and Shield.

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic National
SN 2.3.2 Collate National Strategic
Information
SN 3.2 Manage National Strategic Firepower
SN 3.4.8 Coordinate Nuclear Surety
Strategic Theater
ST 9.1 Integrate Efforts to Counter Weapons
and Technology Proliferation in Theater
Operational
OP 7 Counter CBRNE Weapons in Joint
Operations Area
Tactical
TA 7.1 Conduct Mission Operations in a
CBRNE Environment
Doctrinal Basis
DAPAM 600-3 Army Officer Professional
Development
AR 600-3 Army Officer Professional
Development
JP 3-41 SD, Chemical, Biological,
Radiological, Nuclear and High-Yield
Explosives Consequence Management
CJCSM 3500.05A Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: None provided.

Nuclear and Counterproliferation Officer Course (NCP-52)

Course Number: DNWS-R019

Chemical, Biological, Radiological, Nuclear,
High-Yield Explosive

Objectives

- Develop baseline skills for new Army career field FA 52 officers.
- Identify key aspects and programs of U.S. counterproliferation efforts.
- Expose officers to the U.S. Nuclear Weapons Program.
- Provide historical perspective on the U.S. nuclear weapons stockpile.
- Identify key elements of nuclear surety.
- Generate awareness for emerging U.S. homeland defense issues and doctrine.
- Discuss current WMD issues.

Content

- Preparation of CBRNE specific military orders.
- An overview of the U.S. nuclear weapons program.
- Issues and challenges of the program today.
- Nuclear weapons stockpile and surety issues.
- CBRNE weapons awareness and response doctrine.
- National Test Site tour and orientation.
- White Sands Missile Range tour and DTRA test program overview.

Format

Facilitated discussions and lectures supported by video presentations, weapons cut-a-ways, site surveys, and a WDA tour.

Faculty

DNWS Staff and subject-matter-experts and FA 52 senior officers and associates.

Who Should Attend

Newly assigned Army FA 52 career field officers in the grades O-3 to O-5.

Registration

Registration is through USANCA at (703) 806-7866 or DSN 656-7866.

Security

DoD secret clearance with critical nuclear weapons design information (CNWDI) access, contact USANCA for details.

Time and Location

Report to the DNWS at 0730 on class start date.

Appropriate Dress

For DNWS instructional days

Military:

USA - Class B

USMC - Service B/C,

USN - Khaki/Working Whites/Blues (E)

USAF - Class B

For field tours - Military: BDUs, ACUs, or utility uniform

Civilians: Business casual

Civilian: Casual attire



Class Length

5 Days; 40 Hours

Scheduled Dates

23-27 Oct 06

5-9 Feb 07

5-9 Mar 07

23-27 Apr 07

7-11 May 07

25-29 Jun 07

27-31 Aug 07

17-21 Sep 07

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Comprehensive

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic (National)
SN 9.2.2 Coordinate Consequence Management
Operational
OP 4.7.8 Establish Disaster Control Measures
OP 7.3 Coordinate Passive NBC Defense in the JOA
OP 7.4 Coordinate Consequence Management (CM) in the JOA
OP 7.5 Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situations
Tactical
TA 7.1 Conduct Mission Operations in a CBRNE Environment
National Response Plan (NRP), December 2004; DoD 3150.8-M, Nuclear Weapon Accident Response Procedures (NARP)
JP 3-41, Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives Consequence Management (CBRNE CM)
CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide
DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation

Course Certification: This course replaces the Radiological Accident Command, Control and Coordination (RAC3) that was certified by USJFCOM, Joint Warfighting Center (JWFC).

Recertification is pending. Course name change, content and course material have been submitted to JWFC

Nuclear and Radiological Incident Management (NRIM)

(Replaces RAC³)

Course Number: DNWS-R025

Radiological, Nuclear

Objectives

- Discuss the history of nuclear weapons accidents and lessons learned.
- Describe potential hazards associated with radiological accidents.
- Identify DoD radiological accident response capabilities.
- Discuss state and local radiological accident response capabilities.
- Identify legal issues associated with a radiological accident.
- Examine past and current media procedures and participate in course media interviews.
- Discuss the National Response Plan (NRP) and how it applies during a nuclear weapons and radiological accident.
- Discuss and implement the National Incident Management System (NIMS) into provided scenarios.
- Demonstrate command, control, and coordination in computer simulated exercises.

Content

- Delineates responsibilities during radiological weapons accident response and offers problem resolution techniques.
- Defines Federal, state, and local agency responsibilities.
- Explores key issues specific to a radiological accident.
- Contributes in practical exercises with intermittent review of decision making.
- Participates in computer-based scenario of a realistic radiological accident.

Format

Facilitated discussions and lectures supported by computer-based exercises.

Faculty

DNWS Staff and other subject-matter-experts.

Who Should Attend

Military personnel (E-7 to O-6) and Federal employees (GS-9 and above) who have responsibility to respond to radiological incidents.

Prerequisites

None

Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

Security Requirements

None.

Time and Location:

Report to the DNWS at 0730 on class start date.

Appropriate Dress:

Military: BDUs, ADUs, or utility uniform (no flight suits)

Civilians: Casual attire



Class Length

3 Days; 24 Hours

Scheduled Dates

31 Oct-2 Nov 06

9-11 Jan 07

15-17 May 07

28-30 Aug 07

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:

Supports Level of Warfare/UJTL:

Strategic National

SN 3.2.4 Manage Strategic Weapon
Stockpile

SN 3.4.8 Coordinate Nuclear Surety

JP 3-0, Joint Operations

JP 3-08, Interagency Coordination During

Joint Operations Vol II

CJCSM 3500.05A, Joint Task Force

Headquarters Master Training Guide

DTRA Comprehensive Program and Training

Plan for Weapons of Mass Destruction

and Training Transformation

Course Certification: USJFCOM by Joint

Warfighting Center (JWFC)

Nuclear Weapons Familiarization Seminar (NWFS)

Course Number: DNWS-NR017

Nuclear

Objectives

- Evaluate the scope of the national nuclear weapons program.
- Explain basic nuclear physics and materials.
- Identify key elements of nuclear surety.
- Evaluate future development, testing, command and control, and weapons effects from stockpiled nuclear weapons.
- Review intelligence estimates and international agreements concerning nuclear weapons.
- Discuss current nuclear weapons issues.

Content

- An overview of the U.S. nuclear weapons program.
- Issues and challenges facing the program today.
- The functional areas of nuclear weapons fundamentals, nuclear weapons effects, nuclear weapons stockpile, and nuclear weapons issues.
- Themes of safety, security, operational effectiveness, and proliferation concerns.

Format

Facilitated discussions and lectures supported by video presentations.

Faculty

DNWS staff.

Who Should Attend

Determined by the requesting organization.

Registration

Determined by the requesting organization.

Security Requirements

DoD Secret clearance with RD or DOE "Q" clearance with Sigmas 1-5, or as determined by the requesting organization.

Time and Location

Determined by the requesting organization.

Appropriate Dress

Determined by the requesting organization.



Class Length

5 Days; 40 Hours

Scheduled Dates

16-20 Oct 06

27 Nov-1 Dec 06

12-16 Feb 07

12-16 Mar 07

16-20 Apr 07

11-15 Jun 07

13-17 Aug 07

Nuclear Weapons Orientation Course (NWOC)

Course Number: DNWS-R001

Nuclear

Objectives

- Evaluate the scope of the National Nuclear Weapons Program.
- Explain basic nuclear physics and materials.
- Identify key elements of nuclear surety.
- Evaluate future development, testing, command and control, and weapons effects from stockpiled nuclear weapons.
- Review intelligence estimates and international agreements concerning nuclear weapons.
- Discuss current nuclear weapons issues.

Content

- An overview of the U.S. Nuclear Weapons Program.
- Issues and challenges facing the program today.
- The functional areas of nuclear weapons fundamentals, nuclear weapons effects, nuclear weapons stockpile, and nuclear weapons issues.
- Themes of safety, security, operational effectiveness, and proliferation concerns.
- Tour of the classified Weapons Display Area.

Format

Facilitated discussions and lectures supported by video presentations, weapon cut-a-ways, and a WDA tour.

Faculty

DNWS staff.

Who Should Attend

Military (E-5 and above) and government civilians (GS-7 and above) who require knowledge of the national nuclear weapons program.

Registration

Registration information must be received by student services a minimum of 15 working days prior to class start date.

Security Requirements

DoD Secret clearance with RD or DOE "Q" clearance with Sigmas 1-5.

Time and Location

Report to the DNWS at 0730 on class start date.

Appropriate Dress

Military:

USA - Class B

USMC - Service B/C,

USN - Khaki/Working Whites/Blues (E)

USAF - Class B

Civilians: Business casual

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:

Strategic National

SN 3.2.4 Manage Strategic Weapon

Stockpile

SN 3.4.8 Coordinate Nuclear Surety

JP 3-0, Joint Operations

JP 3-08, Interagency Coordination During

Joint Operations Vol II

CJCSM 3500.05A, Joint Task Force

Headquarters Master Training Guide

DTRA Comprehensive Program and Training

Plan for Weapons of Mass Destruction

and Training Transformation

Course Certification: USJFCOM by Joint

Warfighting Center (JWFC)



Class Length

Exercise program is planned and executed over of 12-18 months.

Scheduled Dates

Published in CJCS Exercise Schedule

NUWAX Collective Training

Course Number: NA

Chemical, Radiological, Nuclear

Objectives

- Organize, prepare and plan for DoD response to a US nuclear weapons (NW) accident (OSD, Joint Staff, and command level).
- Coordinate initial response force (IRF) to properly respond to a NW accident.
- Apply US national response to a NW accident.

Content

- Response organizations and what they bring to the "fight".
- Interacting with state and local police, fire and medical personnel.
- IRF and RTF responsibilities.
- Nuclear and radiation effects and safety.

Format

Progressive sessions tailored to staff competency. Seminar, table-top, command post, and full field exercises (progressive exercise program).

Faculty

CSM

Who Should Attend

Responding unit through command, component, COMBATANT CMDS, Joint Staff, NMCC, OSD, interagency.

Prerequisites

Staff pre-assessment done by CSM.

Registration

As determined by supported Commander.

Security Requirements

Dependent on exercise.

Time and Location

Published in CJCS Exercise Schedule.

Appropriate Dress

Duty uniform.

Supports

WMD Pillar: None
WMD Mission: None

Level of Learning: Application

Learning Environment: Collective

Level of Warfare and Doctrinal Basis:
Strategic (National)
SN 9.2.2 Coordinate Consequence Management
Operational
OP 7.4 Coordinate Consequence Management (CM) in the JOA
Tactical
TA 7.1 Conduct Mission Operations in a CBRNE Environment
DODD 3150.8
JP 3-41
JP 3-28

Course Certification: CJCS Exercise Program



Class Length

3 Days; 24 Hours

Scheduled Dates

By invitation

Observer/Controller (OC) Training Course

Course Number: NA

**Chemical, Biological, Radiological,
Nuclear, High-Yield Explosive**

Objectives

Prepare individuals to serve as observer/controllers (OC) during execution of collective exercises in order to capture observations for incorporation into after action report (AAR) and ultimately into JFCOM's Center for lessons learned (if appropriate).

Content

Cover duties and responsibilities of an observer and controller. (Observers and controllers could be either separate people or accomplished by the same person.)

Format

Classroom format, reinforced by many practical exercises.

Faculty

CSM contract support personnel.

Who Should Attend

Personnel tasked to perform OC duties in upcoming exercises.

Prerequisites

Appropriate CBRNE or operational expertise to observe tasks that support training objectives.

Registration

No information provided.

Security Requirements

Unclassified for training however, OC duties could require TS with SCI to gain access to area where training audience is located.

Time and Location

TBD

Appropriate Dress

Military:

USA - Class B

USMC – Service B/C,

USN – Khaki/Working Whites/Blues (E)

USAF – Class B

Civilians: Business casual

Supports

WMD Pillar: Nonproliferation,
Counterproliferation, Consequence
Management,
WMD Mission:

Level of Learning:
Evaluation

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic (ST 7.4 CM Operations)
Operational (OP x.x), Tactical (T x.x) Level of
Warfare and Doctrinal Basis:
Strategic (National) SN 9.2.2 Coordinate
Consequence Management Operational
OP 7.4 Coordinate Consequence
Management (CM) in the JOA Tactical
TA 7.1 Conduct Mission Operations in a
CBRNE Environment DODD 3150.8 JP 3-41
JP 3-28

Course Certification: None provided.



Class Length

2 Days; 16 Hours

Scheduled Dates

By invitation

Open Skies Treaty Orientation Course

Course Number: NA

Objectives

Obtain an overview of the Open Skies Treaty protocols.

Content

- DTRA operations and procedures.
- Open Skies Treaty mission planning.
- Pre-flight inspections.
- Equipment operations.

Format

Lecture, discussion panel, and FAA sidebar.

Faculty

Operational subject-matter-experts, and guest speakers from other agencies

Who Should Attend

By invitation only. For personnel whose duties directly entail involvement in the Open Skies Treaty regime.

Prerequisites

None

Registration:

Via periodic message. Send completed applications (DTRA 27) to DTRA/OSPT; FAX 703-767-2666.

Security Requirements

Secret clearance required.

Time and Location

TBD

Appropriate Dress:

Class B uniform for military (no flight suits or BDUs) and business casual for civilians .

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation

Level of Learning:
Knowledge
Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic, SN 9.x Open Skies Treaty
Course Certification: ACE Accreditation



Class Length

5 Days; 40 Hours

Scheduled Dates

By invitation

Strategic Arms Reduction Treaty (START) Orientation Course

Course Number: NA

Nuclear

Objectives

Obtain an overview of the START process.

Content

- Overview of the Strategic Arms Reduction Treaty.
- U.S. approach to START implementation.
- DTRA START operations and procedures.
- Site preparation considerations.

Format

Lectures, panel discussions, small group practical exercises.

Faculty

Operational subject-matter-experts and guest speakers from other agencies.

Who Should Attend

By invitation only. For personnel whose duties entail direct involvement in the START arms control process.

Prerequisites

None

Registration

Via periodic message. Send completed applications (DTRA 27) to DTRA/OSPT; FAX 703-767-2666.

Security Requirements

Secret clearance required.

Time and Location

TBD

Appropriate Dress

Class B uniform for military (no flight suits or BDUs) and business casual for civilians.

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation

Level of Learning: Knowledge

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic SN 9.X START Treaty
Course Certification: ACE Accredited



Class Length

4 1/2 Days; 36 Hours

Scheduled Dates

26 Feb-2 Mar 07

30 Jul-3 Aug 07

Supports

WMD Pillar: Counterproliferation
WMD Mission: Offensive Operations

Level of Learning: Application

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
ST 3.1 Process Theater Strategic Targets
ST 3.1.3 Conduct Theater Combat Assessment
ST 5.3.1 Conduct Strategic Estimates
ST 9.2 Coordinate Counterforce Operations in Theater
JP 3-60 Joint Doctrine for Targeting
CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide
DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation
Course Certification: USJFCOM by Joint Warfighting Center (JWFC); Meets U.S. Army qualification requirements for the Additional Skill Identifier 5H, Nuclear Target Analyst

Theater Nuclear Operations Course (TNOC)

Course Number: DNWS-R013

Nuclear

Objectives

- Apply basic nuclear weapons terminology, nuclear weapons design principles, and nuclear weapons effects.
- Discuss U.S. nuclear policy, joint nuclear doctrine, and the nuclear weapons command and control process as well as with the current U.S. nuclear weapons stockpile and nuclear capable delivery systems.
- Interpret the role of U.S. Strategic Command in the development of strategic and theater nuclear plans.
- Employ the U.S. theater nuclear targeting process.
- Practice the required steps in the nuclear approval process.
- Explain the concepts of probability of damage, nuclear weapon damage estimation, and safety computations.
- Employ the concepts and processes of assessing consequences of execution.
- Understand the roles and requirements for intelligence support unique in-theater nuclear operations.
- Be familiar with the purpose and capabilities of U.S. Strategic Command's STRATCOM Support Team (SST), the US Army Nuclear & Chemical Agency's (USANCA) Nuclear Employment Augmentation Team (NEAT), and the Defense Threat Reduction Agency's (DTRA) "Reachback" capabilities.

Content

- Training for staff nuclear planners from each of the services for joint operations and targeting.
- Discussions on basic targeting concepts.
- Considerations of the mechanics of target analysis based on Joint Pub 3-12.2.
- The mechanics of theater nuclear target analysis.
- Discuss nuclear weapon employment options; delivery capabilities and limitations; nuclear effects and desired damage consequences; and required planning, coordination, and timelines.

Format

Facilitated discussions and lectures supported by exercises and a WDA tour.

Faculty

DNWS staff, Joint Staff, United States Army Nuclear and Chemical Agency (USANCA), USSTRATCOM, DIA, and subject-matter-experts.

Who Should Attend

Military and Federal employees who are theater-level planners, support staff, targeteers, and nuclear staff planners (through O-5) and GS equivalent.

Registration

Registration information must be received by student services a minimum of 15 working days prior to class start date.

Security Requirements

DoD Top Secret clearance with RD or DOE "Q" clearance with Sigmas 1-5.

Time and Location

Report to the DNWS at 0730 on class start date.

Appropriate Dress

Military:

USA - Class B

USMC - Service B/C,

USN - Khaki/Working Whites/Blues (E)

USAF - Class B

Civilians: Business casual



Class Length

4 Days; 32 Hours

Scheduled Dates

26-29 Jun 07

Supports

WMD Pillar: Counterproliferation
WMD Mission: Offensive Operations

Level of Learning: Analysis

Learning Environment: Individual

Level of Warfare and Strategic Theater
ST 3.1 Process Theater Strategic Targets
ST 3.1.3 Conduct Theater Combat Assessment
ST 5.3.1 Conduct Strategic Estimates
ST 9.2 Coordinate Counterforce Operations in Theater
Doctrinal Basis
JP 3-60 Joint Doctrine for Targeting;
CJCSM 3500.05A, Joint Task Force
Headquarters Master Training Guide
DTRA Comprehensive Program and Training
Plan for Weapons of Mass
Destruction and Training Transformation
Course Certification: USJFCOM, Joint
Warfighting Center (JWFC)

Theater Nuclear Operations Staff Course (TNOSC)

Course Number: DNWS-NR013
Nuclear

Objectives

- Apply basic nuclear weapons terminology, nuclear weapons design principles, and nuclear weapons effects.
- Discuss U.S. nuclear policy, joint nuclear doctrine, and nuclear weapons command and control process as well as with the current U.S. nuclear weapons stockpile and nuclear capable delivery systems.
- Interpret the role of U.S. Strategic Command in the development of strategic and theater nuclear plans.
- Employ the U.S. theater nuclear targeting process.
- Practice the required steps in the nuclear approval process.
- Explain the concepts of probability of damage, nuclear weapon damage estimation, and safety computations.
- Employ the concepts and processes of assessing consequences of execution.
- Understand the roles and requirements for intelligence support unique in-theater nuclear operations.
- Be familiar with the purpose and capabilities of U.S. Strategic Command's STRATCOM Support Team (SST), the US Army Nuclear & Chemical Agency's (USANCA) Nuclear Employment Augmentation Team (NEAT), and the Defense Threat Reduction Agency's (DTRA) "Reachback" capabilities.

Content

- Training for staff nuclear planners from each of the services for joint operations and targeting.
- Discussions on basic targeting concepts.
- Considerations of the mechanics of target analysis based on Joint Pub 3-12.2.
- The mechanics of theater nuclear target analysis.
- Discuss nuclear weapon employment options; delivery capabilities and limitations; nuclear effects and desired damage consequences; and required planning, coordination, and timelines.

Format

Facilitated discussions and lectures supported by video presentations.

Faculty:

Determined by the requesting organization.

Who Should Attend:

Determined by the requesting organization.

Registration:

Determined by the requesting organization.

Security Requirements:

DoD Top Secret clearance with RD or DOE "Q" clearance with Sigmas 1-5.

Time and Location:

Determined by the requesting organization.

Appropriate Dress:

Determined by the requesting organization.



Class Length

3 Days; 24 Hours

Scheduled Dates

TBD

Vulnerability Assessment Protection Options (VAPO) Level 1 Course

Course Number: DTRA-Alex-VL1

**Chemical, Biological, Radiological,
Nuclear, High-Yield Explosive**

Objectives

- Understand limitations and capabilities of VAPO.
 - Define functions/processes of VAPO and understand HW/SW requirements.
 - Understand limitations inherent in input and output.
 - Understand general limitations vs. capabilities.
 - Identify appropriate reachback resources .
- Construct threat asset site plan and analyze threat effects.
 - Import and export appropriate site imagery and data.
 - Construct and modify asset site plan.
 - Construct threat(s).
 - Produce and run a scenario by applying threat and site asset(s) .
 - View and interpret results.
 - Construct and illustrate damage and threat contours.
- Analyze the effectiveness of retrofit mitigation strategies.
 - Apply retrofits to asset site plan and re-run scenario.
 - View and interpret results.
- Produce and analysis products.
 - Run report generation tool.
 - Construct output.
 - Capture active VAPO screen.

Format

Facilitated discussions and lectures supported by computer based exercises.

Faculty

DTRA contracted trainers from the L-3 Titan Corporation.

Who Should Attend

Military and Federal employees or their contractors who have vulnerability assessment or force protection responsibilities and possess basic computer skills.

Prerequisites

None

Registration

Registration forms can be downloaded from the ACECenter Website to all licensed customers at <https://acecenter.cntr.dtra.mil> (page 62). Completed registrations should be faxed to (703)-767-5891 at least 1-month prior to the class start date.

Security Requirements

None

Time and Location

Ft. Belvoir, VA. Detailed instruction will be delivered in an email welcome packet once the student has registered for class. The first day of class begins at 0900; subsequent days begin at 0830.

Appropriate Dress:

Military:

USA - Class B

USMC – Service B/C,

USN – Khaki/Working Whites/Blues

USAF – Class B

Civilians: Business casual

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Analysis

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic: OP 7.4 Coordinated
Consequence Management in the JOA
National Response Plan (NRP), Homeland)

Course Certification: Not provided.



Class Length

Varies

Scheduled Dates

By Invitation

Veterinary Disease Surveillance (VDS) Course

Course Number: NA

Biological

Objectives

- Provide comprehensive training to foreign veterinarians, clinicians, epidemiologists, and scientists actively working within the framework of the Biological Threat Reduction Program (BTRP).
- Incorporate modern medical, laboratory, specimen collection, and analysis technologies necessary to operate laboratories built through the auspices of the BTRP program.
- Provide systems training for databases collection, and reporting specifically developed through the BTRP program for the Threat Agent Detection and Response Project.
- Recognize especially dangerous pathogens collected from distributed sites, using molecular diagnostics techniques in a sterile environment.

Content

- General Overview of veterinary disease epidemiology, clinical diagnosis and laboratory, and molecular diagnostics skills.
- Introduction of epidemiology of endemic veterinary diseases analyzed through the TADR project.
- Clinical and field recognition of especially dangerous pathogens.
- Laboratory personnel training and use of the TADR system.
- Computer and Information technology training on the Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS).

Format

Facilitated lectures, field exercises and facilitated clinical laboratory exercises, and facilitated epidemiology exercises at the strategic and field level.

Faculty

Foreign nationals, who are experts in the field from the recipient state's ministry of agriculture, with guidance from various USG and NGO experts.

Who Should Attend

Epidemiologists, laboratory managers, clinicians, veterinarians, and scientists selected by the recipient state to work in facilities built under the auspices of the BTRP program.

Prerequisites

Module based course of instruction requiring a sequential completion of each module.

Registration

Registration is restricted to recipient state participants of the BTRP program.

Security Requirements

None

Medical Requirements

Certain modules require vaccinations for specific diseases not routinely given to the population.

Time and Location

This is a 2.5 year course of instruction, and is only provided in the recipient state, at locations designated by the trainer.

Appropriate Dress

Some modules require the use of personal protective equipment necessary for wear in a biologically contaminated environment.

Supports

WMD Pillar: Nonproliferation
WMD Mission: Threat Reduction Cooperation,
Passive Defense

Level of Learning: Analyze

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Supports Level of Warfare/UJTL: Operational,
and Tactical Implementing Agreements
between the US Department of Defense
and Central Asian Republics of the Former
Soviet Union

Course Certification: Recipient states
develop certifications that meet their legal
and statutory requirements.



Class Length

4 Days; 32 Hours

Scheduled Dates

6-9 Nov 06

14-17 May 07

20-23 Aug 07

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Comprehension

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic (National)

SN 9.2.1 (Coordinate CBRNE Protection for
Strategic Forces and Means)

SN 9.2.2 (Coordinate Consequence
Management)

Operational
OP 4.5.3 (Recommend Evacuation Policy
and Procedures for the Joint Operations
Area [JOA])

OP 4.7.8 (Establish Disaster Control Measures)
OP 7.4 (Coordinate Consequence
Management [CM] in the JOA)

OP 7.5 (Integrate JOA Intelligence,
Surveillance, and Reconnaissance [ISR] with
CBRNE Situations)

Law Enforcement Role/Preparedness during
a CW Attack,
Emergency Response to Terrorism Job Aid,
DOJ/FEMA

Bioterrorism Readiness Plan, Template for
Healthcare Facilities, Center for Disease
Control

Cities Readiness Initiative, Center for Disease
Control

National Response Plan

Joint Pub 3-11, Joint Operations in NBC
Environments

Joint Pub 3-40, Combating WMD

Field Manual 3-9 Potential Military Chem/Bio
Agents and Compounds

2004 DOT Emergency Response Guidebook

CJCSM 3500.05A, Joint Task Force

Headquarters Master Training Guide

DTRA Comprehensive Program and Training
Plan for Weapons of Mass

Destruction and Training Transformation
DTRA-AR-40H, WMD Terms Reference

Handbook

Jane's Chem-Bio Handbook

Technologies Underlying WMD

Course Certification: USJFCOM by Joint
Warfighting Center (JWFC)

Weapons of Mass Destruction Command, Control, and Coordination (WMDC³)

Course Number: DNWS-R016

**Chemical, Biological, Radiological, Nuclear,
High-Yield Explosive**

Objectives

- Provide an overview of current WMD threats and vulnerabilities to the U.S. in terms of Federal homeland defense and DoD anti-terrorism/force protection.
- Introduce and detail the Federal plans, DoD directives, policies, and guidance that affect DoD's role in CONUS CBRNE disaster response.
- Compare roles and responsibilities of key government agencies in mitigating WMD incidents.
- Understand significant critical decision points for WMD incidents on and contiguous to a military installation.
- Understand procedures for requesting DoD WMD response assets for application in a Federal WMD consequence management response.
- Provide tools to installation commanders and Federal-agency executives for requesting/applying DoD response assets into their local plans.

Content

- Discussions of potential WMD threats and vulnerabilities to CONUS populace and infrastructure.
- Overview of CBRNE threats
- Overview of Executive Orders, Presidential Decision Directives, Federal statutes, and DoD directives pertaining to CBRNE disaster response and consequence management operations.
- Overview of DoD WMD response assets, capabilities, and limitations.
- Discussion of legal, public affairs, psychological aspects, characteristics of WMD incident response.
- Computer-based WMD scenario designed to reinforce concepts learned.

Format

Facilitated discussions and lectures supported by computer-based exercises.

Faculty

DNWS Staff, subject-matter-experts, speakers from FBI, FEMA, Department of Homeland Security, and USNORTHCOM.

Who Should Attend

Commanders and their support staff and Federal, state, and local authorities that have decision making responsibilities during WMD incidents.

Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

Security Requirements

None

Time and Location

Report to the DNWS at 0730 on class start date.

Appropriate Dress

Military:

USA - Class B

USMC - Service B/C,

USN - Khaki/Working Whites/Blues (E)

USAF - Class B

Civilians: Business casual



Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Comprehension

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Supports Level of Warfare/UJTL:
Strategic (National)
SN 9.2.1 (Coordinate CBRNE Protection for Strategic Forces and Means)
SN 9.2.2 (Coordinate Consequence Management)
Operational
OP 4.5.3 (Recommend Evacuation Policy and Procedures for the Joint Operations Area [JOA])
OP 4.7.8 (Establish Disaster Control Measures)
OP 7.4 (Coordinate Consequence Management [CM] in the JOA)
OP 7.5 (Integrate JOA Intelligence, Surveillance, and Reconnaissance [ISR] with CBRNE Situations)
Law Enforcement Role/Preparedness during a CW Attack, Emergency Response to Terrorism Job Aid, DOJ/FEMA
Bioterrorism Readiness Plan, Template for Healthcare Facilities, Center for Disease Control
Cities Readiness Initiative, Center for Disease Control
National Response Plan
Joint Pub 3-11, Joint Operations in NBC Environments
Joint Pub 3-40, Combating WMD
Field Manual 3-9 Potential Military Chem/Bio Agents and Compounds
2004 DOT Emergency Response Guidebook
CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide
DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation
DTRA-AR-40H, WMD Terms Reference Handbook
Jane's Chem-Bio Handbook
Technologies Underlying WMD
Evacuation Policy and Procedures for the Joint Operations Area [JOA]
OP 4.7.8 (Establish Disaster Control Measures)
OP 7.4 (Coordinate Consequence Management [CM] in the JOA)
OP 7.5 (Integrate JOA Intelligence, Surveillance, and Reconnaissance [ISR] with CBRNE Situations)
Course Certification: USJFCOM by Joint Warfighting Center (JWFC)

Weapons of Mass Destruction Command, Control, and Coordination (WMDC³)

Course Number: DNWS DL001

Chemical, Biological, Radiological, Nuclear, High-Yield Explosive

Objectives

- Provide an overview of current WMD threats and vulnerabilities to the U.S. in terms of Federal homeland defense and DoD anti-terrorism/force protection.
- Introduce and detail the Federal plans, DoD directives, policies, and guidance that affect DoD's role in CONUS CBRNE disaster response.
- Compare roles and responsibilities of key government agencies in mitigating WMD incidents.
- Understand significant critical decision points for WMD incidents on and contiguous to a military installation.
- Understand procedures for requesting DoD WMD response assets for application in a Federal WMD consequence management response.
- Provide tools to installation commanders and Federal-agency executives for requesting/applying DoD response assets into their local plans.

Content

- Discussions of potential WMD threats and vulnerabilities to CONUS populace and infrastructure.
- Overview of CBRNE threats
- Overview of Executive Orders, Presidential Decision Directives, Federal statutes, and DoD directives pertaining to CBRNE disaster response and consequence management operations.
- Overview of DoD WMD response assets, capabilities, and limitations.
- Discussion of legal, public affairs, psychological aspects, characteristics of WMD incident response.

Format

Facilitated discussions and lectures supported by computer-based exercises.

Faculty

DNWS Staff, subject-matter-experts, speakers from FBI, FEMA, Department of Homeland Security, USNORTHCOM.

Who Should Take this Course

Commanders and their support staff and Federal, state, and local authorities that have decision making responsibilities during WMD incidents.

Registration

Please contact DNWS Registrar's office at 505-846-5666, DSN 246-5666 for information.



Class Length
3 Days; 23 Hours

Scheduled Dates

17-19 Oct 06
31 Oct-2 Nov 06
16-18 Jan 07
6-8 Mar 07
24-26 Apr 07
26-28 Jun 07
7-9 Aug 07
25-27 Sep 07

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Application
Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
SN 9.2.1 Coordinate CBRNE Protection for Strategic Forces and Means
SN 9.2.2 Coordinate Consequence Management
Operational
OP 4.5.3 Recommend Evacuation Policy and Procedures for the Joint Operations Area [JOA]
OP 4.7.8 Establish Disaster Control Measures
OP 7.4 Coordinate Consequence Management (CM) in the JOA
OP 7.5 Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situations
Tactical
TA 7.1 (Conduct Mission Operations in a CBRNE Environment)
Law Enforcement Role/Preparedness during a CW Attack
Emergency Response to Terrorism Job Aid, DOJ/FEMA
Bioterrorism Readiness Plan, Template for Healthcare Facilities, Center for Disease Control
Cities Readiness Initiative, Center for Disease Control
National Response Plan
Joint Pub 3-11, Joint Doctrine for Operations in NBC Environments
Joint Pub 3-40, Combating WMD
Field Manual 3-9 Potential Military Chem/Bio Agents and Compounds
2004 DOT Emergency Response Guidebook
CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide
DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation
DTRA-AR-40H, WMD Terms Reference Handbook
Jane's Chem-Bio Handbook
Technologies Underlying WMD
JP 3-28,
JP 3-41

Course Certification: USJFCOM by Joint Warfighting Center (JWFC)

Weapons of Mass Destruction Incident Response Workshop (WMDIRW)

Course Number: DNWS-NR018
Chemical, Biological, Radiological, Nuclear, High-Yield Explosive

Objectives

- Provide an overview of current potential WMD threats and vulnerabilities to the Continental U.S. in terms of Federal homeland defense and DoD anti-terrorism/force protection.
- Introduce and detail the, federal plans, DoD directives, policies, and guidance that affect DoD's role in CONUS CBRNE disaster response.
- Compare roles and responsibilities of key government agencies responsible for mitigating WMD incidents.
- Examine DoD role in WMD incident response, homeland defense and command structures, integration with Federal response agencies, and deployable DoD assets.
- Understand significant critical decision points for WMD incidents on and contiguous to a military installation.
- Understand procedures for requesting DoD WMD response assets for application in a Federal WMD consequence management response.
- Provide tools to installation commanders and Federal-agency executives for requesting/applying DoD response assets into their local plans.

Content

- Course can be tailored to meet specific content requirements of the requesting unit/agency.
- Discussion of potential WMD threats and vulnerabilities to CONUS populace and infrastructure.
- Overview of CBRNE threats.
- Overview of Executive Orders, Presidential Decision Directives, Federal statutes and DoD directives pertaining to CBRNE disaster response and consequence management operations.
- Overview of DoD WMD response assets, capabilities, timelines, and limitations.
- Discussion of legal, public affairs, and characteristics of WMD incident response.
- Course can be tailored for the state WMD CST with the intent to integrate training for CST leadership and their state emergency management partners.

Format

Facilitated discussions and lectures.

Faculty

DNWS Staff , subject-matter-experts, speakers from FBI, FEMA, Department of Homeland Security, USNORTHCOM, and local emergency management agencies.

Who Should Attend

Determined by the requesting organization.

Registration

Determined by the requesting organization.

Security Requirements

None

Time and Location

Determined by the requesting organization.

Appropriate Dress

Determined by the requesting organization.



Class Length

1 Days; 8 Hours

Proposed dates for FY07:

1 Dec 06

23 Mar 07

11 May 07

27 Jul 07

or as required
(USNORTHCOM,
Mr. Steve Austin
coordinates requests)

Supports

WMD Pillar: Consequence Management
WMD Mission: WMD Consequence Management

Level of Learning: Comprehension

Learning Environment: Individual

Level of Warfare and Doctrinal Basis:
Strategic (Theater)

ST 4.2.6 Determine Theater Residual Capabilities

ST 9.5 Coordinate CM in theater Operational

OP 4.5.3 Recommend Evacuation Policy and Procedures for the Joint Operations Area (JOA)

OP 4.7.8 Establish Disaster Control Measures

OP 7.4 Coordinate Consequence Management (CM) in the JOA

OP 7.5 Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situations

Law Enforcement Role/Preparedness during a CW Attack, Emergency Response to Terrorism Job Aid, DOJ/FEMA

Bioterrorism Readiness Plan, Template for Healthcare Facilities, Center for Disease Control

Cities Readiness Initiative, Center for Disease Control

National Response Plan

Joint Pub 3-11, Joint Doctrine for Operations in NBC Environments

Joint Pub 3-40, Combating WMD

Field Manual 3-9 Potential Military Chem/Bio Agents and Compounds

2004 DOT Emergency Response Guidebook

CJCSM 3500.05A, Joint Task Force Headquarters Master Training Guide

DTRA Comprehensive Program and Training Plan for Weapons of Mass Destruction and Training Transformation

DTRA-AR-40H, WMD Terms Reference Handbook

Jane's Chem-Bio Handbook

Technologies Underlying WMD

Course Certification: USJFCOM by Joint Warfighting Center (JWFC)

Weapons of Mass Destruction Staff Support Seminar (WMDS³)

Course Number: DNWS-NR020

Chemical, Biological, Radiological, Nuclear,
High-Yield Explosive

Objectives

- Provide an overview of current potential WMD threats and vulnerabilities to the Continental U.S. in terms of Federal homeland defense and DoD antiterrorism/force protection.
- Introduce and detail the relevant aspects of laws, Federal plans, DoD directives, policies, and guidance that affect DoD's role in CONUS CBRNE disaster response.
- Compare roles and responsibilities of key government agencies responsible for mitigating WMD incidents.
- Examine DoD role in WMD incident response, homeland defense and command structures, integration with Federal response agencies, and deployable DoD assets.
- Understand significant critical decision points for WMD incidents on and contiguous to a military installation.
- Understand procedures for requesting DoD WMD response assets for application in a Federal WMD consequence management response.

Content

- Course can be tailored to meet the specific content requirements needed from the requesting unit/customer.
- Discussion of potential WMD threats and vulnerabilities to CONUS populace and infrastructure.
- Overview of CBRNE threats, specifically basic courses in chemical/biological/radiological/nuclear/conventional explosive characteristics, threat, weaponization, proliferation concerns, and effects.
- Overview of Executive Orders, Presidential Decision Directives, Federal statutes and DoD directives pertaining to CBRNE disaster response and consequence management operations.
- Overview of DoD WMD response assets, capabilities, timelines, and limitations.

Format

Facilitated discussions and lectures.

Faculty

DNWS Staff and guest instructors (subject-matter-experts).

Who Should Attend

Combatant commanders and major staff elements that are expected to be familiar with major Federal policy, guidelines, plans, and processes as well as understand how DoD interacts with key command and control elements.

Registration

Determined by the requesting organization.

Security Requirements

None

Time and Location:

Determined by the requesting organization and availability of instructors.

Appropriate Dress:

Determined by the requesting organization.

Sample MTT Request Letter

[Your Organizational Letterhead]

MEMORANDUM FOR DTRA/CSTD
 ATTN: Student Services
 1680 Texas St. SE
 Kirtland AFB NM 87117-5669

SUBJECT: Request for Mobile Training Team (MTT) Visit

1. Request MTT visit. The following information is provided:
 - a. Course Requested: **(name and course number)**
 - b. Requesting Organization: **(location and organizational mission)**
 - c. Expected Audience: **(background of audience and number of students—minimum of 40)**
 - d. Requested Time Period: **(provide all available options)**
 - e. Equipment Available to Support Training:
 - f. Point of Contact/Resource Management Liaison: **(provide POC to act as liaison between servicing accounting office and MTT)**
 - g. Other: **(address any other pertinent information to assist in training)**
2. My organization accepts responsibility for ensuring all personnel projected to attend the MTT have proper security clearance and access for the course. A consolidated list of students, to include full name, rank or grade, SSN, and security clearance will be provided to instructors before the course begins.
3. My organization also accepts responsibility for all expenses associated with this MTT, including travel-related costs. Furthermore, we agree to provide administrative support as required. Funding and travel order authorization letter for mobile training team will be forwarded to the DNWS no later than 15 working days prior to class start date.
4. We understand that approval of this request is based on Defense Nuclear Weapons School (DNWS) course/duty schedules.
5. Direct questions on this request to (point of contact and duty phone).

[Requesting official signature & signature block]



DEFENSE THREAT REDUCTION AGENCY

1680 TEXAS STREET SE
KIRTLAND AFB, NM 87117-5669

FROM: DTRA/CSTD

SUBJECT: Defense Nuclear Weapons School (DNWS) Memorandum, Funding and Travel Order
Issuance for Mobile Training Teams (MTT)

1. This memorandum issues guidance for funding of DNWS MTTs. All expenses associated with MTT visits are the responsibility of requesting agency. Expenses include but are not limited to transportation, billeting, meals, car rental, and any others authorized by the Joint Federal Travel Regulations.
2. The requesting activity will issue a travel letter of authorization to DNWS. The authorization letter will include the not to exceed (NTE) amount for travel POC at the requesting activity, telephone number, FAX number, and any other information required to process the voucher.
3. DNWS will cut the DD 1610, *Request and Authorization for TDY Travel of DoD Personnel*, and will cite the requestor funds as outlined in the letter of authorization.
4. Upon return from TDY the traveler will prepare a DD Form 1351-2, *Travel Voucher or Subvoucher*, and send to DNWS finance who will forward to the requesting agency for payment.
5. If you have any questions regarding this policy, contact Student Services, DSN 246-5666 (commercial 505-846-5666 or the Chief of Instruction, DSN 263-0211 (commercial 505-853-0211).

Stephen D. Harper
Acting Commandant
Defense Nuclear Weapons School

Sample MTT Funding and Travel Order Authorization Letter

FROM: YOUR ORGANIZATION

MEMORANDUM FOR DNWS

SUBJECT: Funding and Travel Order Authorization for Mobile Training Team (MTT)

1. Expenses are authorized for (names of personnel) to include but are not limited to transportation, billeting, meals, car rental, as well as any other expenses authorized by the Joint Federal Travel Regulations.

- a. Fund Cite:
- b. Not to exceed (NTE) amount for travel:

2. DNWS will cut the DD 1610, *Request and Authorization for TDY Travel of DoD Personnel*, and will cite the requestor funds as outlined in the letter of authorization.

3. Upon return from TDY the traveler will prepare the DD Form 1351-2, *Travel Voucher or Subvoucher*, and send to DNWS finance who will forward to the requesting agency for payment.

4. If you have any questions regarding this policy, contact (your organizational POC).

Signature/Signature Block

DOE Form 5631.20, "Request for Visit or Access Approval"

DOE F 5631.20
(2/87)
(Formerly DP-277)

U.S. DEPARTMENT OF ENERGY
REQUEST FOR VISIT OR ACCESS APPROVAL
(Not to be used for temporary or permanent personnel assignments.)

OMB Control
No. 1910-1800

To:

PART "A"

From:				Date:			
				Prepared by:			
				Symbol:			
				Telephone No. - Commercial			
It is requested that the following person(s) be granted visit/access approval:				FTS:			
		CHECK					
LAST NAME, FIRST, MIDDLE INITIAL AND SOCIAL SECURITY NUMBER, POB	U.S. CITIZEN	ALIEN	DATE OF BIRTH	ORGANIZATION	TYPE CLEARANCE	CLEARANCE NO.	DATE OF CLEARANCE
NAME OF FACILITY(IES) TO BE VISITED:				FOR THE INCLUSIVE DATES	DOE Security Official Verifying DOE Clearance		
FOR THE PURPOSE OF:							
TO CONFER WITH THE FOLLOWING PERSON(s):							
SPECIFIC INFORMATION TO WHICH ACCESS IS REQUESTED:				Access requested to: Restricted Data <input type="checkbox"/> Yes <input type="checkbox"/> No Other classified info <input type="checkbox"/> Yes <input type="checkbox"/> No			
Prior arrangements have/have not been made as follows:							

CERTIFICATION FOR PERSONNEL HAVING DOD CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty and that permitting the above access will not endanger the common defense and security.

Authorized access to Critical Nuclear Weapon
Design Information (CNWDI) in Accordance with
DOD Directive 5210.2 XYes ☐ No
FOR THE COMMANDER

Name and Title, Requesting DOD Official

Title, Authorizing DOD Official
(See DOD Directive 5210.2 and 5210.8)

Signature
(See AR 380-150; OPNAV 5510.3F; AFR 2105-1)

CERTIFICATION FOR PERSONNEL HAVING DOE CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty

Title

Requesting DOE or Other Government Agencies

Part "B"

Approval is granted with limitations indicated below:

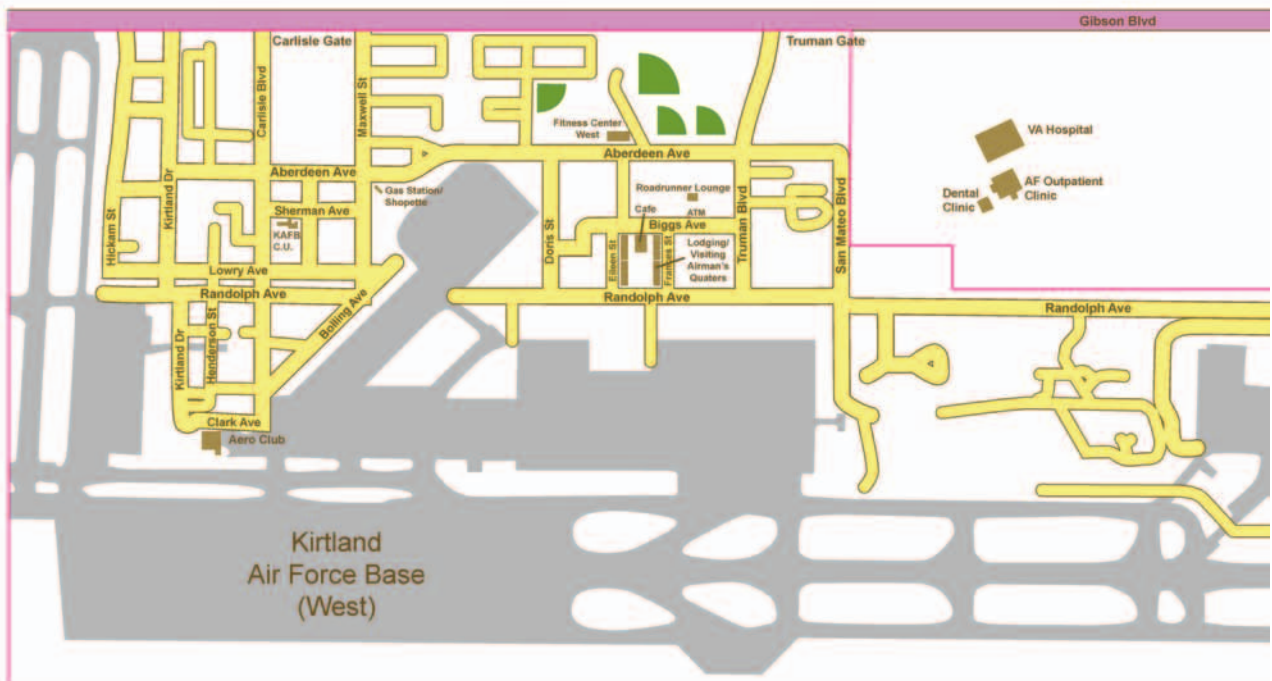
Manager of Operations/or Headquarters Division Director

SEE REVERSE OF PART 5 FOR PRIVACY ACT INFORMATION STATEMENT

Map for DTRA Ft. Belvoir VA



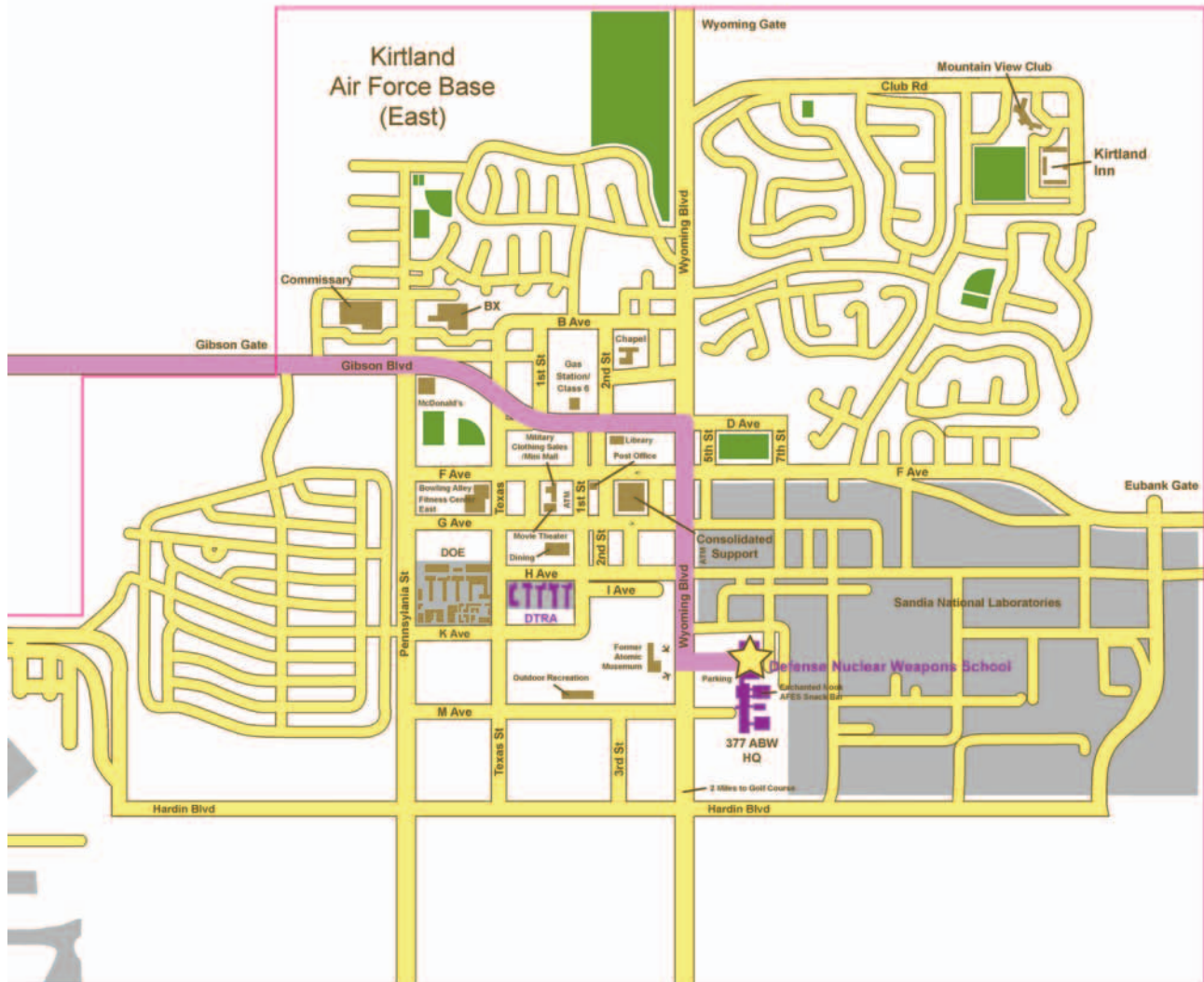
Map for DNWS Kirtland AFB Albuquerque NM



Albuquerque Sunport and Kirtland AFB Maps

Directions from Airport

Take Yale Blvd North from Sunport Blvd.
Turn East on Gibson Blvd and drive
until you reach the Gibson Gate to Kirtland
Air Force Base. Acquire a base pass, then
proceed on Gibson Blvd. Turn South on
Wyoming Blvd at the 3rd stoplight. The
Defense Nuclear Weapons School will be
on your left at the 3rd stoplight across from
the B-52 at the former Atomic Museum.



ACECenter <https://acecenter.cntr.dtra.mil>

Request for Software, Weather Account, and License Agreement Instructions:

1. Complete each page of the on-line registration form:
 - > Registrant Identification
 - > Contact Information
 - > Password Information
 - > Software/Weather Selection
 - > Sponsor and Contract Information
(if required, based on selected Registrant Category)
 - > Summary Page
2. Print and sign the one-page License Request Form (Summary Page).
3. Have your security supervisor sign the form. If required, have your Gov't sponsor sign the form also.
4. Fax the signed form to DTRA along with a copy of your photo ID.
5. Print the multi-page individual License Agreement for your records.

If you have questions please contact:

Ms. Bonnie Cassano
Software Distribution Officer
DTRA SER Training Coordinator
Telephone: 703-767-3419
e-mail: bonnie.cassano_contractor@dtra.mil

HPAC/CATS/IMEA Training Registration Form FT. Belvoir, Virginia

**Please fill this form out completely and return to Bonnie Cassano by fax at
703-767-5891 or email at bonnie.cassano_contractor@dtra.mil **

Name: _____ Rank/GS Level: _____
Last First M

Date of Birth *: _____ Place of Birth *: _____
City State Country(if not US)

Social Security Number *: _____ Commercial Phone: _____
**Required for Entry to DTRA (OpsCenter Tour)*

Organization: _____

Business Email: _____

Do you hold a DTRA badge? Yes No Do you have a Military ID? Yes No

Please enter your name as you would like it to appear on your training certificate:

I wish to attend: HPAC CATS IMEA VAPO Training (please circle your choice)

Please enter dates of class/es you'd like to attend:

You can expect to receive a confirmation email within 48 hours of faxing your request to the above fax number. If not, please refax.

Register for HPAC and IMEA Web-based Training at the ACE Center:
<https://acecenter.cntr.dtra.mil>

Signature: _____

Updated 06/06/06

https://acecenter.cntr.dtra.mil/acecenter/training_residential.cfm

DTRA Form 27 "Course Information Data Sheet"

DEFENSE THREAT REDUCTION AGENCY Course Information Data Sheet			
<i>PRIVACY ACT STATEMENT 1974</i>			
<p>AUTHORITY: 5 USC 4101 to 4118 and EO9397</p> <p>PURPOSE: To authorize funding and to obtain training information for DTRA records..</p> <p>ROUTINE USE: Used in administration of official DTRA Training.</p> <p>DISCLOSURE: Disclosure of information by applicant is voluntary. Non-disclosure could result in errors in reporting course completion; errors in historical files; incomplete student reports; and non-receipt of official correspondence.</p>			
PART I - COURSE DATA			
<div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> CFE <input type="checkbox"/> CW <input type="checkbox"/> OS <input type="checkbox"/> START <input type="checkbox"/> OTHER _____ </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> Requested Course Date _____ Alternative Date _____ </div> <div style="margin-top: 5px;"> Course Location (City/State) _____ </div>			
PART II - INDIVIDUAL DATA			
SSN _____ Name _____ First _____ Middle _____ Title _____ Rank/Grade _____ Military _____ Service _____ Civilian _____ Contractor _____ Purpose of Attending this Training <input type="checkbox"/> Escort <input type="checkbox"/> Inspector <input type="checkbox"/> Other _____ Supervisor Approval _____ Date _____ Phone _____ Training Coordinator _____ Date _____ Phone _____			
PART III - WORK DATA			
Organization _____ Office / Unit _____ Address _____ City _____ State _____ Zip _____ Country _____ Commercial Number _____ DSN Number _____ Fax Number _____ Do you need a travel order? Yes <input type="checkbox"/> No <input type="checkbox"/> Message Address _____ TDY POV: Yes <input type="checkbox"/> No <input type="checkbox"/>			
PART IV - HOME DATA			
Address _____ City _____ State _____ Zip Code _____ Country _____ Telephone _____			
PART V - JUSTIFICATION			
<p>I understand that in order to receive a certificate of completion and to become treaty certified, all blocks of training must be attended. (To be completed by trainee's immediate supervisor and attendee)</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> _____ Supervisor's Signature </div> <div style="width: 10%;"> _____ Date </div> <div style="width: 45%;"> _____ Attendee's Signature </div> <div style="width: 10%;"> _____ Date </div> </div>			

DNWS Course Registration Form

	DEFENSE NUCLEAR WEAPONS SCHOOL COURSE REGISTRATION FORM **For Official Use Only. Privacy Act of 1974 Applies**	
PRIVACY ACT STATEMENT		
<p>1. AUTHORITY: 5 USC 301, 302, 4103, and Executive Order 9397</p> <p>2. PRINCIPAL PURPOSE(S): To report attendance and completion of formal courses (orientation and resident)</p> <p>3. ROUTINE USES: To report entrance and change of status of students in special training courses</p> <p>4. DISCLOSURE: Applicants are not required to divulge the personal information requested on this form; however, failure to do so may render applicant ineligible to participate in the training program, or may result in non-receipt of credit for requested training</p>		
<p>INSTRUCTIONS: To register for one of our courses, please ensure this form is fully completed and forwarded to the DNWS Registrar, 1900 Wyoming Blvd SE, Kirtland AFB NM, 87117-5669, or fax to commercial line (505)846-9168, or DSN 246-9168. Department of Energy (DOE) personnel must use DOE Form 5631.20, to register. <u>Registration and security clearance data must be received a minimum of 15 working days prior to class start date.</u></p>		
APPLICANT'S INFORMATION		
NAME (Last, First, MI)		RANK/GRADE
		SSN
SERVICE	AGENCY	DUTY TITLE
UNIT MAILING ADDRESS (Organization, Street Number, Street Name, Installation or City, State, and Complete Zip Code)		
UNCLASSIFIED E-MAIL ADDRESS (*REQUIRED)		DUTY PHONE NUMBER DSN: Comm :
		FAX NUMBER DSN: Comm:
COURSE INFORMATION		
COURSE TITLE/NUMBER		CLASS START DATE
		CLASS END DATE
EMERGENCY POC (Enter name, relationship, and telephone number, including area code, of an individual who can be contacted after normal duty hours in the event of an emergency)		
PRINTED NAME	RELATIONSHIP	TELEPHONE ()
SECURITY CLEARANCE AND SPECIAL ACCESS—To be completed and signed by Unit Security Manager		
<p>Some courses may require security clearance and special access. Refer to course descriptions for prerequisites. NOTE: DOE applicants must use DOE Form 5631.20. Security clearance must be received by the DNWS Registrar Office no later than 15 working days prior to class start date. To tour the Weapons Display Area, all students/visitors are required to have a DoD Secret-level clearance with Restricted Data (RD) or Critical Nuclear Weapons Design Information (CNWDI) access, or a DOE "Q" clearance with Sigmas 1-5.</p>		
APPLICANT'S CLEARANCE LEVEL (Please annotate S = Secret TS = Top Secret or Q = DOE Secret below)		DATE OF CLEARANCE
ACCESS—CHECK AUTHORIZED ACCESS		ACCESS DATE
NONE SIGMAS 1-5 RESTRICTED DATA (RD) CNWDI		
<p>I certify that the above named applicant requires access as indicated in this document in the performance of duty and that permitting such will not endanger command defense and security.</p>		
UNIT SECURITY MANAGER'S TYPED/PRINTED NAME		DUTY PHONE NUMBER
UNIT SECURITY MANAGER'S SIGNATURE	UNIT SECURITY MANAGER'S UNCLASSIFIED E-MAIL ADDRESS	DATE

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